Before the

FEDERAL COMMUNICATIONS COMMISSION

Washington, D.C. 20554

In the Matter of

Expanding the Economic and Innovation Opportunities of Spectrum Through Incentive Auctions

Docket No. 12-268

To: The Commission

COMMENTS OF THE DURST ORGANIZATION INC.

THE DURST ORGANIZATION INC. (sometimes hereafter, "Durst"), by its counsel,

hereby submits its comments respecting the above-captioned proceeding and relative to

certain matters raised in the Notice of Proposed Rule Making, released on October 2,

2012 (the "NPRM"). The focus of these comments relates to Element Two of the incen-

tive auction plan – the reorganization or "repacking" of the broadcast television bands.

BACKGROUND: For nearly a century, The Durst Organization Inc. has been a fami-

ly-run real estate company. Founded in 1915, Durst is a developer, owner, and manager

of commercial properties in Manhattan. The company helped establish the East Side of

Midtown as a commercial district with a series of office buildings built along Third Ave-

nue in the 1950s and 1960s, and led the transformation of Sixth Avenue into Manhattan's

premier corporate thoroughfare in the 1970s. Durst built the nation's first green skyscrap-

er, Four Times Square, and one of the world's most advanced commercial towers, One

Bryant Park. Today, the company owns and manages more than 10 million square feet of

Class A Midtown office space.

Durst is also a significant landlord to many broadcast facilities in New York, including the Four Times Square (4TS) building. Presently 17 full-service FM and DTV stations have either the main or auxiliary licensed auxiliary facilities located at 4TS. Installed atop 4TS is a broadband high-VHF television transmitting panel antenna manufactured by Dielectric, a broadband UHF television panel antenna also manufactured by Dielectric, and a broadband FM transmitting antenna manufactured by Shively. ¹

In addition to 4TS, presently an entity controlled by Durst oversees the construction, leasing and management of One World Trade Center ("*1WTC*"). These buildings, the tallest among Manhattan's skyscrapers, serve as present and future transmitter site locations for numerous radio and television broadcast stations licensed to the New York City area, as well as to several wireless communications providers. Accordingly, Durst has an interest in Docket No. 12-268 as the proceeding may have operational implications upon Durst's broadcast tenants and upon the inauguration of 1WTC as a broadcast antenna site – now targeted for operational inception in 2015.

¹/ The stations authorized with either their main or auxiliary facilities at 4TS include WNYE-TV, WABC-TV, WFUT-DT, WXTV-DT, WBGO(FM), WKCR-FM, WNYE(FM), WPAT-FM, WNYC-FM, WXNY-FM, WSKQ-FM, WHTZ(FM), WKTU(FM), WAXQ(FM), WWPR-FM, WQXR-FM and WLTW(FM).

²/ At 1,776 feet tall, rising 104 stories with 3.1 million square feet of office space, 1WTC will be the tallest building in the Western Hemisphere.

^{3/} For example, the roof-top for 4 Times Square is situated at 734 feet above ground, and the communications tower atop the roof rises another 384 feet, topping out at 1,118 feet, including the beacon. This compares to the 108-story Willis Tower (formerly the Sears Tower) in Chicago, which rises 1,451 feet; the tallest building in Los Angeles (and tallest west of the Mississippi River), the 73-story U.S. Bank Tower, which rises 1,018 feet; and Sutro Tower in San Francisco which is 977 feet tall.

DOCKET 12-268: As contemplated by the NPRM, the incentive auction for broadcast television spectrum will feature three Elements: (1) a "reverse auction," in which broadcast television licensees will bid to voluntarily relinquish spectrum usage rights in exchange for monetary consideration; (2) a repacking of the broadcast television bands to free up UHF spectrum for other uses; and (3) a "forward auction" of the newly available spectrum that is derived as a result of implementation of Elements (1) and (2).^{4/}

Furthermore, the NPRM provides that preservation of service areas for full-service stations will apply "... only with regard to facilities that were licensed, or for which an application for license to cover authorized facilities already on file with the Commission, as of February 22, 2012."5/

PROPOSAL: The broadcast antenna site picture in New York City is distinctive from among all of the nation's cities because of the 9/11 attacks on the World Trade Center. Those attacks destroyed principal transmitter site locations in the city and precipitated a displacement of a majority of the full-service TV stations operating in the New York

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⁴/ See NPRM, Paragraph 5.

⁵ See NPRM, Paragraph 98.

⁶/ For nomenclature purposes in these Comments, 1WTC refers to the new structure now under construction, while references to "World Trade Center" mean the two World Trade Center structures that were destroyed on September 11, 2001.

area from the World Trade Center (collectively, the "Displaced Stations")^{7/} on the lower end of Manhattan to other locations.

Further, because of the city's unique skyline, New York City provides among the tallest broadcast antenna locations in the nation. In addition, it is amidst the highest density population area in the country, and is Designated Market Area No. 1 (DMA #1). Further, the city is proximate to two of the top ten population centers in the country – Philadelphia (DMA #4) and Boston (DMA #7). The proximity to Philadelphia and Boston – particularly Philadelphia – imposes allocation restrictions on the New York City area which can prove to be problematic from a spectrum allocation standpoint.

Durst has developed a transmission plan that contemplates the return of many of the Displaced Stations to the World Trade Center area of Manhattan, specifically to 1WTC. Preliminary details of that plan are provided in greater detail in Appendix 1 to these Comments. ⁹ Fundamental to the plan is co-location of the transmitter sites for numerous broadcast stations that serve the New York City DMA. ¹⁰ Currently Durst is in discussions and negotiations with several of the Displaced Stations, as well as other

.

The following stations were licensed from the World Trade, WCBS-TV, WNBC(TV), WNYW(TV), WABC-TV, WWOR-TV, WPIX(TV), WNET(TV), WPXN-TV, WNJU(TV), (FM), WPAT-FM, WNYC-FM and WKTU(FM).

⁸ According to Nielsen, the total number in 2012 of TV homes in New York City was 7,387,810. The second DMA, Los Angeles, had roughly 2,000,000 fewer TV homes in 2012 than New York City.

⁹ See Appendix 1, The Durst Organization – Technical Exhibit.

¹⁰ See Appendix 2 for The Durst Organization brochure respecting *Broadcast and Telecommunications Leasing*.

broadcasters and communications providers, regarding their potential relocation to 1WTC. Durst's plan provides generally that operations from 1WTC will afford greater coverage and population counts for the 1WTC-located stations. Initial broadcasts from 1WTC are not expected before 2015 as it is still under construction, but likely before the Commission completes the DTV repack process. Therefore, a TV station may obtain an FCC construction permit and subsequent license, but because the license application was not filed before February 22, 2012, the 1WTC facility may not be preserved as contemplated in the NPRM.

REQUEST: In consideration of the sacrifices already borne by the New York area broadcasters as the result of 9/11, and the uncertainties inherent in Elements (1) and (2) of the incentive auction plan, Durst urges that the Displaced Stations be granted a limited exemption of the February 22, 2012 date that preserves the facilities that were licensed, or for which an application for license to cover authorized facilities. Moreover, inasmuch as the implications of the spectrum repacking really are unknown, and will not really begin to crystallize until after the reverse auction (Element 1), Durst respectfully requests that any minor modification applications by Displaced Stations proposing to locate to 1WTC, and are submitted prior to the implementation the spectrum repacking, be protected from the implications of repacking and be processed without unnecessary delay or deferral due to the impending spectrum repacking.

The 1WTC facility is located approximately 4.6 kilometers (2.9 miles) from the present transmitter site for most of the full-service stations that are located in New York

COMMENTS OF THE DURST ORGANIZATION INC. RE DOCKET NO. 12-268

City. It is expected this *de minimis* site relocation will not have an adverse impact on the ability of the Commission to repack the TV spectrum, even in this spectrum congested region of the Northeast. Moreover, as it is usually desired that to have broadcast stations operating from the tallest structure in the market, the 1WTC would be the obvious choice for the broadcasters seeking co-location of multiple facilities.

Some years ago several of the Displaced Stations filed construction permit applications seeking authorization to operate from the former World Trade Center site. These stations include WCBS-TV, WNET(TV), WPXN-TV, WPIX(TV), WNBC(TV) and WABC-TV.^{11/} These applications were intended as "placeholders" until the ultimate 1WTC facilities were determined and completed.

Durst respectfully submits that fulfillment of these requests will serve the public interest by facilitating the co-location of broadcast station transmitter sites back to the lower end of Manhattan, and improving the co-located-stations' service to the greater New York City DMA.

^{11/} See FCC File Nos. BMPCDT-20080619AAZ, BMPCDT-20090709AGX, BMPCDT-20080620ALZ, BMPCDT-20080620ALB, BMPCDT-20080620ADL and BMPCDT-20080620AMV.

WHEREFORE, the premises considered, The Durst Organization Inc. respectfully requests that the afore-mentioned "requests" be considered and adopted by the Commission in connection with its implementation of the incentive auction process and Docket No. 12-268.

Respectfully submitted,

THE DURST OBGANIZATION INC.

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January 24, 2013

APPENDIX 1

THE DURST ORGANIZATION

TECHNICAL EXHIBIT PREPARED BY DU TREIL LUNDIN & RACKLEY, INC.

TECHNICAL EXHIBIT DURST ORGANIZATION NEW YORK, NEW YORK

This Technical Exhibit has been prepared at the request of the *Durst Organization* (herein Durst) in support of its comments in Docket No. 12-268, Notice of Proposed Rule Making in *Expanding the Economic and Innovation Opportunities of Spectrum through Incentive Auctions*. Durst presently is overseeing the construction, leasing and management of the new One World Trade Center (1WTC) building located in the financial district of Manhattan. 1WTC is seeking to reestablish this transmission site location for the New York television stations, many of which were at this same location before the destruction of 9/11.

This herein analysis will demonstrate that television stations seeking to locate to 1WTC before the FCC Incentive Auction repack process is completed will not adversely affect the number of channels available within the New York market. This is an important determination as the Notice of Proposed Rule Making (NPRM) provides that preservation of service areas for full-service stations will apply "only with regard to facilities that were licensed, or for which an application for license to coverage authorized facilities already on file with the Commission, as of February 22, 2012. The purpose of this proposed Rule is to ensure a station making a facility modification prior to the completion of the Incentive Auction process will not adversely impact the number of channels available for repacking.

¹ See NPRM, Paragraph 5.

The proposed 1WTC and former World Trade Center facility is located approximately 4.6 kilometers (2.9 miles) from the present transmitter site for most of the full-service stations that are located in New York. The nearest congested television market to New York is Philadelphia located approximately 120 kilometers distant. Therefore, this site relocation would only decrease the separation distance between the New York and Philadelphia television stations by 3.8 percent. Below is a map showing the "intra-market" locations between the sites located in Manhattan.



Map 1. Map Showing Proposed and Existing TV Transmitter Sites in New York.

It is observed in the FCC Form 301, Section III-D, DTV Engineering, that question 1(b) asks if the proposed transmitting antenna is "located within 5.0 kilometers (3.1 miles) of the DTV reference site as established in 47 C.F.R. Section 73.622." This implies that site modifications of less than 5 kilometers, such as that contemplated in New York, requires less evaluation and is generally considered as "co-located."

Several years ago, some full-service stations formerly at the World Trade Center filed applications for construction permit applications seeking continued operation at this site. The stations are WCBS-TV, WNET(TV), WPXN-TV, WPIX(TV), WNBC(TV) and WABC-TV. While the facilities proposed within these applications will not be the finally constructed facilities, these applications show the desire of the stations to locate at the 1WTC site.

To determine if a full-service television station located at the 1WTC facility would cause as adverse impact to the repack channel availability, an OET-69 interference analysis was completed on a sample of full-service stations, both in the VHF and UHF bands. This sample indicated that the stations could relocate to 1WTC without causing greater than 0.5% *de minimis* interference to other stations.

The below Table 1 identifies the stations studied in this sample. This study is based upon each station not causing greater than 0.5% *de minimis* interference to other stations or limiting the interference to the amount already permitted in any associated interference agreements. The use of a non-directional transmitting antenna is presumed at 1WTC. The appendices contain the full OET-69 analysis for each of the studied stations.

Station	Main Authorized	Hypothetical 1WTC
Channel	Current Transmission	Transmission
Chamiei	Parameters	Parameters
Station A	200.2 kW	175 kW
Channel 28	397 meters HAAT	519 meters HAAT
Station B	426 kW	313 kW
Channel 33	397 meters HAAT	519 meters HAAT
Station C	360 kW	177 kW
Channel 40	429 meters HAAT	519 meters HAAT
Station D	34 kW	21.4 kW
Channel 7	405 meters HAAT	507 meters HAAT
Station E	9.3 kW	3.9 kW
Channel 13	405 meters HAAT	507 meters HAAT

Table 1. Sample of Current and Hypothetical Television Facilities in New York.

du Treil, Lundin & Rackley, Inc.

Consulting Engineers

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Therefore, this analysis suggests that any full-service station seeking authorization at 1WTC, with service area modification protection provided in any incentive auction repack process, will not adversely affect the number of available channels in any repack scenario. This conclusion is due to this fact of this relatively small site "intra-market" move between the existing full-service transmitter site in New York and the 1WTC and that the facilities at 1WTC could be designed to cause no more than the already permitted interference to other stations,.

du Treil, Lundin & Rackley, Inc. 201 Fletcher Avenue Sarasota, Florida 32437 941.329.6000

January 10, 2013

APPENDIX A

STATION A ALLOCATION ANALYSIS

Percent allowed new interference: 0.500 Percent allowed new interference to non Class A LPTV: 2.000

TW Census data selected 2000 Data Base Selected

/export/home/cdbs/pt_tvdb.sff

WARNING WARNING

The following list of station records has been excluded from the analysis due to the fact that they have the same state, city and channel as the proposed station - This could cause the program to not find a potential fail situation

You can force the program to include these records by setting the state of the proposed record to ZZ and re-running the analysis

WNBC	28 NEW YORK	NY BPCDT	20080620ADL
WNBC	28 NEW YORK	NY BDSTA	20041220ADE
WNBC	28 NEW YORK	NY BLCDT	20080409AAM
WNBC	28 NEW YORK	NY BPCDT	20080620ADL

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-27-2012 Time: 10:49:41

Record Selected for Analysis

WNBC-DT USERRECORD-01 NEW YORK Channel 28 ERP 175. kW HAAT 519. m RCAMSL 00530 m $\,$ NY US

Latitude 040-42-46 Longitude 0074-00-49

Status APP Zone 1 Border Site number: 01 Last update Cutoff date Docket

Comments Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility (site # 01) meets maximum height/power limits

Site numb	er 1		
Azimuth	ERP	HAAT	41.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	175.000	511.9	99.1
45.0	175.000	529.1	100.5
90.0	175.000	508.4	98.8
135.0	175.000	519.9	99.8
180.0	175.000	522.8	100.0
225.0	175.000	519.6	99.7
270.0	175.000	521.3	99.9
315.0	175.000	516.6	99.5

Evaluation toward Class A Stations from site # 01

Contour overlap to Class A station

CT BLTTL 20010608AAO W28AJ 28 ALLINGTOWN

Contour overlap to Class A station

WFXQ-CD 28 SPRINGFIELD MA BPTTA 20081017AHG

Contour overlap to Class A station

WFPA-CA 28 PHILADELPHIA PA BLTTL 20000428ABK

Class A Evaluation Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance Distance to border = 397.6km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Proposed Station

Call City/State WNBC-DT NEW YORK NY Channel ARN 28 USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Applicati	on Ref. No.
14	WTSD-CA	WILMINGTON DE	127.6	LIC	BLTTA	20041206AAM
24	W24BB	EAST STROUDSBURG PA	130.1	LIC	BLTTL	19911219ЈМ
27	WGTW-TV	BURLINGTON NJ	127.6	LIC	BLCDT	20060105AAR
27	WTBY-TV	POUGHKEEPSIE NY	86.4	LIC	BLCDT	20090902ACZ
28	W28AJ	ALLINGTOWN CT	108.8	LIC	BLTTL	20010608AAO
28	WFXQ-CD	SPRINGFIELD MA	187.6	CP	BPTTA	20081017AHG
28	WFXQ-CD	SPRINGFIELD MA	205.5	LIC	BLDTA	20100126ADA
28	WFPT	FREDERICK MD	324.0	LIC	BLEDT	20090330AFA
28	WCPB	SALISBURY MD	291.9	LIC	BLEDT	20090209AEM
28	WCPB	SALISBURY MD	291.9	CP	BPEDT	20080318AAC
28	WUHF	ROCHESTER NY	399.6	LIC	BLCDT	20050316AAK
28	WNYF-CA	WATERTOWN NY	390.5	LIC	BLTTA	20010129AAT
28	WFPA-CA	PHILADELPHIA PA	127.8	LIC	BLTTL	20000428ABK
28	WAZF-CA	WINCHESTER/FRONT ROY V	7A 392.9	LIC	BLTTL	19940422IK
29	WUVP-DT	VINELAND NJ	127.6	LIC	BLCDT	20090923ADS
29	WFME-TV	WEST MILFORD NJ	22.0	LIC	BLEDT	20040712ACP

Analysis of Interference to Affected Station 1

Analysis of current record

Channel Call City/State
14 WTSD-CA WILMINGTON DE Application Ref. No. BLTTA -20041206AAM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
14	WFBT	BATH NY	301.8	CP MOD	BMPCDT	-20090327AEF
15	W36D0-D	DARBY PA	0.0	APP	BDISDTL	-20101203ABC
15	W36D0-D	DARBY PA	0.0	APP	BSTA	-20110128ABM
17	WPHL-TV	PHILADELPHIA PA	0.3	LIC	BLCDT	-20090918ABV
18	WMBC-TV	NEWTON NJ	126.6	CP	BPCDT	-20080620ABX
18	WMBC-TV	NEWTON NJ	126.6	LIC	BLCDT	-20101130AAX
18	WMBC-TV	NEWTON NJ	126.6	LIC	BLCDT	-20060803AMO
18	WMBC-TV	NEWTON NJ	131.8	LIC	BLCDT	-20101130AAX
21	WHP-TV	HARRISBURG PA	142.7	LIC	BLCDT	-20090615ADL
21	WHP-TV	HARRISBURG PA	142.7	CP	BPCDT	-20100325ABG
22	WNJS	CAMDEN NJ	48.3	LIC	BLEDT	-20070611AAY
22	WNJS	CAMDEN NJ	48.3	CP	BPEDT	-20080620ALH
28	WNBC	NEW YORK NY	127.6	PLN	DTVPLN	-DTVP1034
29	WUVP-DT	VINELAND NJ	0.0	LIC	BLCDT	-20090923ADS
29	WFME-TV	WEST MILFORD NJ	117.4	LIC	BLEDT	-20040712ACP
28	WNBC-DT	NEW YORK NY	127.6	APP	USERRECORI	0-01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of current record

Channel Call City/State Application Ref. No. 24 W24BB EAST STROUDSBURG PA BLTTL -199112 BLTTL -19911219JM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
17	WPHL-TV	PHILADELPHIA PA	111.7	LIC	BLCDT	-20090918ABV
21	WHP-TV	HARRISBURG PA	137.7	LIC	BLCDT	-20090615ADL
21	WHP-TV	HARRISBURG PA	137.7	CP	BPCDT	-20100325ABG
23	WLYH-TV	LANCASTER PA	117.3	LIC	BLCDT	-20040922AAC
24	WNYE-TV	NEW YORK NY	131.0	LIC	BLEDT	-20071228ABM
24	W52DW	PORT JERVIS NY	78.6	CP	BDISTTL	-20120222ABQ
24	WSTM-TV	SYRACUSE NY	219.2	LIC	BLCDT	-20090622AEM
24	WATM-TV	ALTOONA PA	252.5	LIC	BLCDT	-20050603ACF
24	W24DB	CLARKS SUMMIT PA	49.2	LIC	BLTTA	-20041202ADB
24	WPHA-CD	PHILADELPHIA PA	111.8	CP	BDISDTA	-20110315ABL
24	WPHA-CD	PHILADELPHIA PA	111.8	APP	BMPDTA	-20120716AFD
24	WPHA-CD	PHILADELPHIA PA	111.8	APP	BMPDTA	-20120925ADS
24	W24CS	READING PA	81.8	LIC	BLTT	-20030321AAO
24	WNVC	FAIRFAX VA	280.5	LIC	BLEDT	-20090612ACS
24	WVTA	WINDSOR VT	367.3	LIC	BLEDT	-20070307AAW
25	WTVE	READING PA	79.0	APP	BPCDT	-20100422ACQ
25	WTVE	READING PA	111.8	LIC	BLCDT	-20100405ABM
25	WTVE	READING PA	81.8	LIC	BLCDT	-20100405ABM
25	WTVE	READING PA	111.8	LIC	BLCDT	-20081117ADZ
26	KYW-TV	PHILADELPHIA PA	111.6	LIC	BLCDT	-20090326ABH
27	WGTW-TV	BURLINGTON NJ	111.8	LIC	BLCDT	-20060105AAR
27	WTBY-TV	POUGHKEEPSIE NY	139.8	LIC	BLCDT	-20090902ACZ
28	WNBC	NEW YORK NY	130.1	PLN	DTVPLN	-DTVP1034
31	WPPX-TV	WILMINGTON DE	111.8	CP	BPCDT	-20080620AMP
31	WPPX-TV	WILMINGTON DE	111.8	LIC	BLCDT	-20031203AFL
31	WPXN-TV	NEW YORK NY	130.1	APP	BMPCDT	-20080620ALZ
31	WPXN-TV	NEW YORK NY	131.3	LIC	BLCDT	-20110729AAQ
31	WSWB	SCRANTON PA	49.2	LIC	BMLCDT	-20090529AJJ
31	WSWB-DR	SCRANTON PA	49.2	APP	BPRM	-20080619ALI
32	WPSG	PHILADELPHIA PA	111.8	LIC	BLCDT	-20021025AAS
32	WPSG	PHILADELPHIA PA	111.8	CP	BPCDT	-20111024ACS
32	WQPX-TV	SCRANTON PA	49.0	LIC	BLCDT	-20060629AFR
38	WWOR-TV	SECAUCUS NJ	131.3	CP MOD	BMPCDT	-20080620AHC
39	$\mathtt{WLVT-TV}$	ALLENTOWN PA	51.7	LIC	BLEDT	-20090605ABD
28	WNBC-DT	NEW YORK NY	130.1	APP	USERRECORI	0-01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 3

Analysis of current record

Channel Call City/State
27 WGTW-TV BURLINGTON NJ Application Ref. No. BLCDT -20060105AAR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
26	KYW-TV	PHILADELPHIA PA	0.5	LIC	BLCDT	-20090326ABH
27	WETA-TV	WASHINGTON DC	199.3	LIC	BLEDT	-20120731ALN
27	WUTF-DT	MARLBOROUGH MA	407.0	LIC	BLCDT	-20120821ABC
27	WTBY-TV	POUGHKEEPSIE NY	194.0	LIC	BLCDT	-20090902ACZ
27	WFXV	UTICA NY	333.6	APP	BMPCDT	-20080114ABF
27	WFXV	UTICA NY	345.0	LIC	BLCDT	-20090331ADG
28	WFPT	FREDERICK MD	197.7	LIC	BLEDT	-20090330AFA
28	WCPB	SALISBURY MD	186.6	LIC	BLEDT	-20090209AEM
28	WCPB	SALISBURY MD	186.6	CP	BPEDT	-20080318AAC
28	WNBC	NEW YORK NY	127.6	PLN	DTVPLN	-DTVP1034
28	WNBC-DT	NEW YORK NY	127.6	APP	USERRECOR	D-01

Total scenarios = 2

1

Result key: 1
Scenario 1 Affected station 3

Before Analysis

Results for: 27A NJ BURLINGTON BLCDT 20060105AAR LIC

```
HAAT 354.0 m, ATV ERP 160.0 kW
       POPULATION AREA (sq km) within Noise Limited Contour 7766692 21696.7 not affected by terrain losses 7424541 20978.3
       not affected by terrain losses
                                                                                     7424541
                                                                                                                   20978.3
       not affected by terrain lost to NTSC IX
lost to additional IX by ATV
                                                                                      0 0.0
360999 1331.8
360999 1331.8
360999 1331.8
       lost to ATV IX only
       lost to all IX
  Potential Interfering Stations Included in above Scenario

        26A PA PHILADELPHIA
        BLCDT
        20090326ABH
        LIC

        27A DC WASHINGTON
        BLEDT
        20120731ALN
        LIC

        27A NY POUGHKEEPSIE
        BLCDT
        20090902ACZ
        LIC

        27A NY UTICA
        BLCDT
        20090331ADG
        LIC

27A NY UTICA
28A NY NEW YORK
                                                             DTVPLN DTVP1034
After Analysis
       HAAT 354.0 m, ATV ERP 160.0 kW
Results for: 27A NJ BURLINGTON
      ### HAAT 354.0 m, ATV ERP 160.0 kW

| POPULATION | POPULA
  Potential Interfering Stations Included in above Scenario 1
26A PA PHILADELPHIA BLCDT
27A DC WASHINGTON BLEDT
                                                                                      20090326ABH LIC
                                                              BLEDT 20120731ALN LIC
BLCDT 20090902ACZ LIC
BLCDT 20090331ADG LIC
27A DC WASHINGTON
27A NY POUGHKEEPSIE
27A NY UTICA
28A NY NEW YORK
                                                                USERRECORD01
                                                                                                                        APP
Percent new IX = 0.0011%
Result key: 2
Scenario 2 Affected station 3
Before Analysis
    HAAT 354.0 m, ATV ERP 160.0 kW
Results for: 27A NJ BURLINGTON
       POPULATION AREA (sq km) within Noise Limited Contour 7766692 21696.7 not affected by terrain losses 7424541 20978.3
       lost to NTSC IX 0 0.00
lost to additional IX by ATV 361451 1335.9
lost to ATV IX only 361451 1335.9
lost to all IX 361451 1335.9
  Potential Interfering Stations Included in above Scenario
                                                           BLCDT
                                                                                      20090326ABH LIC
26A PA PHILADELPHIA
27A NY UTICA
                                                              BMPCDT 20080114ABF APP DTVPLN DTVP1034 PLN
28A NY NEW YORK
After Analysis
       HAAT 354.0 m, ATV ERP 160.0 kW
Results for: 27A NJ BURLINGTON
       POPULATION AREA (sq km) within Noise Limited Contour 7766692 21696.7 not affected by terrain losses 7424541 20978.3
                                                                                     742541 2076.3
0 0.0
361531 1339.9
361531 1339.9
361531 1339.9
       lost to NTSC IX
       lost to additional IX by ATV
       lost to ATV IX only
       lost to all IX
  Potential Interfering Stations Included in above Scenario
26A PA PHILADELPHIA
                                                                BLCDT
                                                                                         20090326ABH LIC
                                                BLCDT 20090320ABR LIC
BLEDT 20120731ALN LIC
BLCDT 20090902ACZ LIC
BMPCDT 20080114ABF APP
27A DC WASHINGTON
27A NY POUGHKEEPSIE
27A NY UTICA
28A NY NEW YORK
28A NY NEW YORK
                                                             USERRECORD01
                                                                                                                        APP
```

Percent new IX = 0.0011%

Worst case new IX 0.0011% Scenario 2

Analysis of Interference to Affected Station 4

Analysis of current record

Channel Call City/State Application Ref. No. 27 WTBY-TV POUGHKEEPSIE NY BLCDT -200909 BLCDT -20090902ACZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
26	WHPX-TV	NEW LONDON CT	146.0	CP	BPCDT	-20080313ABQ
26	WHPX-TV	NEW LONDON CT	146.0	LIC	BLCDT	-20090612AII
26	WTEN	ALBANY NY	126.4	LIC	BLCDT	-20060104ACC
26	KYW-TV	PHILADELPHIA PA	194.2	LIC	BLCDT	-20090326ABH
27	WETA-TV	WASHINGTON DC	387.6	LIC	BLEDT	-20120731ALN
27	WUTF-DT	MARLBOROUGH MA	226.0	LIC	BLCDT	-20120821ABC
27	WGTW-TV	BURLINGTON NJ	194.0	LIC	BLCDT	-20060105AAR
27	WFXV	UTICA NY	211.8	APP	BMPCDT	-20080114ABF
27	WFXV	UTICA NY	210.0	LIC	BLCDT	-20090331ADG
28	WNBC	NEW YORK NY	86.5	PLN	DTVPLN	-DTVP1034
28	WNBC-DT	NEW YORK NY	86.4	APP	USERRECOR	D-01

Total scenarios = 4

Result key: 3
Scenario 1 Affected station 4

Before Analysis

Results for: 27A NY POUGHKEEPSIE esults for: 27A NY POUGHKEEPSIE BLCDT 20090902ACZ LIC
HAAT 358.0 m, ATV ERP 1000.0 kW
POPULATION AREA (sg km)

	POPULATION	AREA (sq km)
within Noise Limited Contour	17423873	30413.7
not affected by terrain losses	16786310	27682.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5885451	2950.3
lost to ATV IX only	5885451	2950.3
lost to all IX	5885451	2950.3

Potential Interfering Stations Included in above Scenario 1

26A CT NEW LONDON 26A NY ALBANY 26A PA PHILADELPHIA	BPCDT BLCDT BLCDT	20080313ABQ 20060104ACC 20090326ABH	CP LIC LIC
27A DC WASHINGTON	BLEDT	20120731ALN	LIC
27A MA MARLBOROUGH	BLCDT	20120821ABC	LIC
27A NJ BURLINGTON	BLCDT	20060105AAR	LIC
27A NY UTICA	BLCDT	20090331ADG	LIC
28A NY NEW YORK	DTVPLN	DTVP1034	PLN

After Analysis

Results for: 27A NY POUGHKEEPSIE BLCDT 20090902ACZ LIC HAAT 358.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	17423873	30413.7
not affected by terrain losses	16786310	27682.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5904473	3002.2
lost to ATV IX only	5904473	3002.2
lost to all IX	5904473	3002.2

Potential Interfering Stations Included in above Scenario 1

26A CT NEW LONDON	BPCDT	20080313ABQ	CP
26A NY ALBANY	BLCDT	20060104ACC	LIC
26A PA PHILADELPHIA	BLCDT	20090326ABH	LIC
27A DC WASHINGTON	BLEDT	20120731ALN	LIC
27A MA MARLBOROUGH	BLCDT	20120821ABC	LIC
27A NJ BURLINGTON	BLCDT	20060105AAR	LIC
27A NY UTICA	BLCDT	20090331ADG	LIC
28A NY NEW YORK	USERRECOR	D01	APP

Percent new IX = 0.1745%

Result key: 4
Scenario 2 Affected station 4

Before Analysis

Results for: 27A NY POUGHKEEPSIE BLCDT 20090902ACZ LIC

HAAT 358.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	17423873	30413.7
not affected by terrain losses	16786310	27682.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5900558	3006.2
lost to ATV IX only	5900558	3006.2
lost to all IX	5900558	3006.2

Potential Interfering Stations Included in above Scenario

26A C	CT NEW LONDON	BLCDT	20090612AII	LIC
26A N	NY ALBANY	BLCDT	20060104ACC	LIC
26A E	PA PHILADELPHIA	BLCDT	20090326ABH	LIC
27A I	DC WASHINGTON	BLEDT	20120731ALN	LIC
27A M	MA MARLBOROUGH	BLCDT	20120821ABC	LIC
27A N	NJ BURLINGTON	BLCDT	20060105AAR	LIC
27A N	NY UTICA	BLCDT	20090331ADG	LIC
28A N	NY NEW YORK	DTVPLN	DTVP1034	PLN

After Analysis

Results for: 27A NY POUGHKEEPSIE BLCDT 20090902ACZ LIC HAAT 358.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	17423873	30413.7
not affected by terrain losses	16786310	27682.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5919580	3058.1
lost to ATV IX only	5919580	3058.1
lost to all IX	5919580	3058.1

Potential Interfering Stations Included in above Scenario 2

26A CT	NEW LONDON	BLCDT	20090612AII	LIC
26A NY	ALBANY	BLCDT	20060104ACC	LIC
26A PA	PHILADELPHIA	BLCDT	20090326ABH	LIC
27A DC	WASHINGTON	BLEDT	20120731ALN	LIC
27A MA	MARLBOROUGH	BLCDT	20120821ABC	LIC
27A NJ	BURLINGTON	BLCDT	20060105AAR	LIC
27A NY	UTICA	BLCDT	20090331ADG	LIC
28A NY	NEW YORK	USERRECORI	001	APP

Percent new IX = 0.1747%

Result key: 5
Scenario 3 Affected station 4

Before Analysis

Results for: 27A NY POUGHKEEPSIE BLCDT 20090902ACZ LIC HAAT 358.0 m, ATV ERP 1000.0 kW

·	POPULATION	AREA (sq km)
within Noise Limited Contour	17423873	30413.7
not affected by terrain losses	16786310	27682.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5877868	2962.3
lost to ATV IX only	5877868	2962.3
lost to all IX	5877868	2962.3

Potential Interfering Stations Included in above Scenario 3

26A CT NEW LON	DON	BPCDT	20080313ABQ	CP
26A NY ALBANY		BLCDT	20060104ACC	LIC
26A PA PHILADE:	LPHIA	BLCDT	20090326ABH	LIC
27A DC WASHING	TON	BLEDT	20120731ALN	LIC
27A MA MARLBOR	OUGH	BLCDT	20120821ABC	LIC
27A NJ BURLING	TON	BLCDT	20060105AAR	LIC
27A NY UTICA		BMPCDT	20080114ABF	APP
28A NY NEW YOR	K	DTVPLN	DTVP1034	PLN

After Analysis

```
BLCDT
                                                                     20090902ACZ LIC
Results for: 27A NY POUGHKEEPSIE
    HAAT 358.0 m, ATV ERP 1000.0 kW
    POPULATION AREA (sq km) within Noise Limited Contour 17423873 30413.7 not affected by terrain losses 16786310 27682.9
     lost to NTSC IX
                                                     0
                                                                     0.0
                                                  5896890
    lost to additional IX by ATV
                                                                      3014.2
    lost to ATV IX only
                                                 5896890 3014.2
5896890 3014.2
    lost to all IX
                                                  5896890
                                                                    3014.2
 Potential Interfering Stations Included in above Scenario 3
                                BPCDT 20080313ABQ CP
BLCDT 20060104ACC LIC
BLCDT 20090326ABH LIC
BLEDT 20120731ALN LIC
BLCDT 20120821ABC LIC
BLCDT 20060105AAR LIC
BMPCDT 20080114ABF APP
USERRECORD01 APP
26A CT NEW LONDON
26A NY ALBANY
26A PA PHILADELPHIA
27A DC WASHINGTON
 27A MA MARLBOROUGH
27A NJ BURLINGTON
27a NY HTTCA
27A NY UTICA
28A NY NEW YORK
                                                                       APP
                                      USERRECORD01
Percent new IX = 0.1744%
Result key: 6
Scenario 4 Affected station 4
Before Analysis
Results for: 27A NY POUGHKEEPSIE
                                                       BLCDT
                                                                     20090902ACZ LIC
   HAAT 358.0 m, ATV ERP 1000.0 kW
    POPULATION AREA (sq km) within Noise Limited Contour 17423873 30413.7
                                                               30413.7
27682.9
    not affected by terrain losses 16786310
     lost to NTSC IX
                                                                        0.0
                                                 5893966
    lost to additional IX by ATV
                                                                     3026.2
    lost to ATV IX only
                                                 5893966 3026.2
5893966 3026.2
    lost to all IX
 Potential Interfering Stations Included in above Scenario 4

        26A CT NEW LONDON
        BLCDT
        20090612AII
        LIC

        26A NY ALBANY
        BLCDT
        20060104ACC
        LIC

        26A PA PHILADELPHIA
        BLCDT
        20090326ABH
        LIC

        27A DC WASHINGTON
        BLEDT
        20120731ALN
        LIC

        27A MA MARLBOROUGH
        BLCDT
        20120821ABC
        LIC

        27A NJ BURLINGTON
        BLCDT
        20060105AAR
        LIC

        27A NY UTICA
        BMPCDT
        20080114ABF
        APP

        28A NY NEW YORK
        DTVPLN
        DTVP1034
        PLN

After Analysis
                                                      BLCDT 20090902ACZ LIC
Results for: 27A NY POUGHKEEPSIE
    HAAT 358.0 m, ATV ERP 1000.0 kW
    POPULATION AREA (sq km) within Noise Limited Contour 17423873 30413.7 not affected by terrain losses 16786310 27682 9
    not affected by terrain losses 16786310
                                                                     27682.9
                                               0 0.0
5912988 3078.1
5912988 3078.1
5912988 3078.1
    lost to NTSC IX
    lost to additional IX by ATV
    lost to ATV IX only
    lost to all IX
 Potential Interfering Stations Included in above Scenario 4
26A CT NEW LONDON
                                     BLCDT
                                                   20090612AII LIC
26A NY ALBANY
                                     BLCDT 20060104ACC LIC
                                     BLCDT
BLEDT
                                                     20090326ABH LIC
26A PA PHILADELPHIA
                                                   20120731ALN LIC
27A DC WASHINGTON
                                 BLEDT 20120/51ALL LIC
BLCDT 20120821ABC LIC
BLCDT 20060105AAR LIC
BMPCDT 20080114ABF APP
27A MA MARLBOROUGH
27A NJ BURLINGTON
27A NY UTICA
28A NY NEW YORK
                                      USERRECORD01
                                                                      APP
Percent new IX = 0.1746%
Worst case new IX 0.1747% Scenario
```

Analysis of Interference to Affected Station 5

Analysis of current record

Channel Call City/State Application Ref. No. 28 W28AJ ALLINGTOWN CT BLTTL -200106 BLTTL -20010608AAO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
20	WCCT-TV	WATERBURY CT	47.2	LIC	BLCDT	-20090911ABK
20	WCCT-TV	WATERBURY CT	47.2	APP	BMPCDT	-20080620AHG
21	WLIW	GARDEN CITY NY	69.1	APP	BMPEDT	-20080620AID
21	WLIW	GARDEN CITY NY	69.1	LIC	BLEDT	-20090612AEP
24	WNYE-TV	NEW YORK NY	104.1	LIC	BLEDT	-20071228ABM
26	WHPX-TV	NEW LONDON CT	65.7	CP	BPCDT	-20080313ABQ
26	WHPX-TV	NEW LONDON CT	65.7	LIC	BLCDT	-20090612AII
27	WTBY-TV	POUGHKEEPSIE NY	84.7	LIC	BLCDT	-20090902ACZ
28	WFXQ-CD	SPRINGFIELD MA	90.9	CP	BPTTA	-20081017AHG
28	WCPB	SALISBURY MD	393.0	LIC	BLEDT	-20090209AEM
28	WCPB	SALISBURY MD	393.0	CP	BPEDT	-20080318AAC
28	WNBC	NEW YORK NY	108.8	PLN	DTVPLN	-DTVP1034
29	WFME-TV	WEST MILFORD NJ	121.6	LIC	BLEDT	-20040712ACP
30	WFUT-DT	NEWARK NJ	104.6	LIC	BLCDT	-20090618ABZ
31	WTIC-TV	HARTFORD CT	47.2	LIC	BLCDT	-20101222AAE
31	WPXN-TV	NEW YORK NY	108.8	APP	BMPCDT	-20080620ALZ
31	WPXN-TV	NEW YORK NY	104.6	LIC	BLCDT	-20110729AAQ
35	WVIT	NEW BRITAIN CT	46.8	LIC	BLCDT	-20041203AEF
36	WNJU	LINDEN NJ	104.6	CP	BPCDT	-20111220AFK
36	WNJU	LINDEN NJ	120.2	LIC	BLCDT	-20080514ADL
42	WZME	BRIDGEPORT CT	14.5	APP	BPCDT	-20120601ARY
42	WZME	BRIDGEPORT CT	104.6	APP	BPCDT	-20120601ARY
42	WZME	BRIDGEPORT CT	14.5	LIC	BLCDT	-20061218ACB
28	WNBC-DT	NEW YORK NY	108.8	APP	USERRECORI	0-01

Total scenarios = 2

Result key: 7
Scenario 1 Affected station 5

Before Analysis

Results for: 28N CT ALLINGTOWN	BLTTL	20010608AAO	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	210202	156.1	
not affected by terrain losses	204399	152.1	
lost to NTSC IX	16549	12.0	
lost to additional IX by ATV	30070	56.1	
lost to all IX	46619	68.1	

Potential Interfering Stations Included in above Scenario 1

28N MA SPRINGFIELD	BPTTA	20081017AHG	CP
42A CT BRIDGEPORT	BLCDT	20061218ACB	LIC
28A NY NEW YORK	DTVPLN	DTVP1034	PLN

After Analysis

BLTTL 20010608AAO		LIC
POPULATION	AREA (sq km)	
210202	156.1	
204399	152.1	
16549	12.0	
30070	56.1	
46619	68.1	
	POPULATION 210202 204399 16549 30070	POPULATION AREA (sq km) 210202 156.1 204399 152.1 16549 12.0 30070 56.1

Potential Interfering Stations Included in above Scenario 1

28N	MA	SPRINGFIELD	BPTTA	20081017AHG	CP
42A	CT	BRIDGEPORT	BLCDT	20061218ACB	LIC
28A	NY	NEW YORK	USERRECORI	001	APP

Percent new IX = 0.0000%

Result key: 8
Scenario 2 Affected station 5

Before Analysis

Results for: 28N CT ALLINGTOWN	BLTTL	20010608AAO	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	210202	156.1	
not affected by terrain losses	204399	152.1	

lost	to	NTSC IX				16549	12.0
lost	to	additional	IX	by	ATV	30070	56.1
lost	to	all IX				46619	68.1

Potential Interfering Stations Included in above Scenario

28N MA SPRINGFIELD BPTTA 20081017AHG CP 42A CT BRIDGEPORT BPCDT 20120601ARY APP DTVP1034 PLN 28A NY NEW YORK DTVPLN

After Analysis

within Noise Limited Contour 210202 200106083 210202 Results for: 28N CT ALLINGTOWN 20010608AAO LIC not affected by terrain losses 204399 152.1 12.0 56.1 lost to NTSC IX 16549 lost to additional IX by ATV 30070 lost to all IX 46619 68.1

Potential Interfering Stations Included in above Scenario 2

28N MA SPRINGFIELD BPTTA 20081017AHG CP 42A CT BRIDGEPORT BPCDT 20120601ARY APP 28A NY NEW YORK USERRECORD01 APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario

Analysis of Interference to Affected Station 6

Analysis of current record

Channel Call City/State Application Ref. No. 2.8 WFXQ-CD SPRINGFIELD MA BPTTA -20081017AHG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status		on Ref. No.
20	WCCT-TV	WATERBURY CT	43.7	LIC	BLCDT	-20090911ABK
20	WCCT-TV	WATERBURY CT	43.7	APP	BMPCDT	-20080620AHG
20	WCVB-TV	BOSTON MA	123.3	LIC	BLCDT	-20020102AAH
21	WSBE-TV	PROVIDENCE RI	119.6	LIC	BLEDT	-20050307ACR
26	WHPX-TV	NEW LONDON CT	85.2	CP	BPCDT	-20080313ABQ
26	WHPX-TV	NEW LONDON CT	85.2	LIC	BLCDT	-20090612AII
26	WTEN	ALBANY NY	123.0	LIC	BLCDT	-20060104ACC
27	WUTF-DT	MARLBOROUGH MA	105.0	LIC	BLCDT	-20120821ABC
27	WTBY-TV	POUGHKEEPSIE NY	122.5	LIC	BLCDT	-20090902ACZ
28	W28AJ	ALLINGTOWN CT	90.9	LIC	BLTTL	-20010608AAO
28	W28DA-D	PITTSFIELD MA	59.7	LIC	BLDTT	-20090604ABU
28	W28CM	MANCHESTER NH	124.3	LIC	BLTTL	-20050418AAQ
28	WNBC	NEW YORK NY	187.6	PLN	DTVPLN	-DTVP1034
28	W28DQ-D	WINDSOR VT	152.4	LIC	BLDTL	-20120507ABK
29	WUNI	WORCESTER MA	86.0	LIC	BLCDT	-20090821ABQ
30	WBZ-TV	BOSTON MA	123.3	LIC	BLCDT	-20060420ABG
30	WBZ-TV	BOSTON MA	123.3	CP	BPCDT	-20080616ABK
31	WTIC-TV	HARTFORD CT	43.7	LIC	BLCDT	-20101222AAE
31	WFXT	BOSTON MA	124.7	LIC	BLCDT	-20090422ABH
32	WBPX-TV	BOSTON MA	124.3	LIC	BLCDT	-20040723ACG
32	WBPX-TV	BOSTON MA	124.7	CP	BPCDT	-20080620ACX
35	WVIT	NEW BRITAIN CT	44.0	LIC	BLCDT	-20041203AEF
35	WBIN-TV	DERRY NH	129.6	LIC	BLCDT	-20070126ACX
36	WCDC-TV	ADAMS MA	72.3	LIC	BLCDT	-20080718AAO
42	WZME	BRIDGEPORT CT	87.2	APP	BPCDT	-20120601ARY
42	WZME	BRIDGEPORT CT	87.2	LIC	BLCDT	-20061218ACB
42	WHDH-DR	BOSTON MA	125.0	APP	BPRM	-20090706ABZ
42	WHDH	BOSTON MA	125.0	LIC	BLCDT	-20101217AAX
43	WGBX-TV	BOSTON MA	123.3	LIC	BLEDT	-20021219AAN
43	WCWN	SCHENECTADY NY	123.0	LIC	BLCDT	-20110504ABZ
28	WNBC-DT	NEW YORK NY	187.6	APP	USERRECOR	D-01
42	WZME	BRIDGEPORT CT		APP	BPCDT	-20120601ARY
		×== ×= ×=				

Total scenarios = 1

Scenario 1 Affected station 6

Before Analysis

BPTTA 20081017AHG CP Results for: 28N MA SPRINGFIELD POPULATION AREA (sq km) 3647.6 within Noise Limited Contour 851616 not affected by terrain losses 3175.7 808818 4 4.0 lost to NTSC IX lost to additional IX by ATV 0.0 lost to all IX 4 4.0

Potential Interfering Stations Included in above Scenario 1

28N CT ALLINGTOWN BLTTL 20010608AAO LIC

After Analysis

Results for: 28N MA SPRINGFIELD BPTTA 20081017AHG CP POPULATION AREA (sq km) within Noise Limited Contour 851616 3647.6 3175.7 not affected by terrain losses 808818 4.0 4 361 lost to NTSC IX lost to additional IX by ATV 8.0 lost to all IX 365 12.0

Potential Interfering Stations Included in above Scenario 1

28N CT ALLINGTOWN BLTTL 20010608AAO LIC 28A NY NEW YORK USERRECORD01 APP

Percent new IX = 0.0424%

Worst case new IX 0.0424% Scenario 1

Analysis of Interference to Affected Station 7

Analysis of current record

Channel Call City/State Application Ref. No.
28 WFXQ-CD SPRINGFIELD MA BLDTA -20100126ADA

Stations Potentially Affecting This Station

Dist(km) Status Application Ref. No. Chan Call City/State 95.8 LIC BLCDT -20120821ABC 110.0 LIC BLTTL -20010608AAO 54.5 LIC BLDTT -20090604ABU 27 WUTF-DT MARLBOROUGH MA W28AJ ALLINGTOWN CT 28 28 W28DA-D PITTSFIELD MA 205.6 PLN DTVPLN -DTVP1034 133.5 LIC BLDTL -20120507. WNBC NEW YORK NY W28DQ-D WINDSOR VT 28 133.5 LIC BLDTL -20120507ABK 77.0 LIC BLCDT -20090821ABQ 28 WORCESTER MA WUNI WNBC-DT NEW YORK NY 28 205.5 APP USERRECORD-01 Proposal causes no interference

Analysis of Interference to Affected Station 8

Analysis of current record

Channel Call City/State Application Ref. No. 28 WFPT FREDERICK MD BLEDT -20090330AFA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
27	WETA-TV	WASHINGTON DC	39.9	LIC	BLEDT	-20120731ALN
27	WGTW-TV	BURLINGTON NJ	197.7	LIC	BLCDT	-20060105AAR
28	WCPB	SALISBURY MD	177.8	LIC	BLEDT	-20090209AEM
28	WCPB	SALISBURY MD	177.8	CP	BPEDT	-20080318AAC
28	WRDC	DURHAM NC	412.7	LIC	BLCDT	-20090612AID
28	WNBC	NEW YORK NY	323.9	PLN	DTVPLN	-DTVP1034
29	WMPB	BALTIMORE MD	50.2	LIC	BLEDT	-20090330AEX
29	WUVP-DT	VINELAND NJ	197.7	LIC	BLCDT	-20090923ADS
29	WQMY	WILLIAMSPORT PA	216.2	LIC	BLCDT	-20090223ABU
2.8	WNBC-DT	NEW YORK NY	324.0	APP	USERRECOR	D-01

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Result key: 10
Scenario 1 Affected station 8
Before Analysis
   LUT: 28A MD FREDERICK BLEDT 20090330AFA LIC HAAT 158.0 m, ATV ERP 41.2 kW
Results for: 28A MD FREDERICK
   Within Noise Limited Contour 4301612 10265.6 not affected by terrain losses 3985857 8993.0
   lost to NTSC IX 0 0.0
lost to additional IX by ATV 1413747 1204.2
lost to ATV IX only 1413747 1204.2
lost to all IX 1413747 1204.2
 Potential Interfering Stations Included in above Scenario
27A DC WASHINGTON
                                    BLEDT
                                                  20120731ALN LIC
                                  BLEDT 20090209AEM LIC
BLEDT 20090330AEX LIC
28A MD SALISBURY
29A MD BALTIMORE
                                   DTVPLN DTVP1034
28A NY NEW YORK
                                                                    PLN
After Analysis
                                                   BLEDT 20090330AFA LIC
Results for: 28A MD FREDERICK
   HAAT 158.0 m, ATV ERP 41.2 kW

POPULATION AREA (sq km)
within Noise Limited Contour 4301612 10265.6
not affected by terrain losses 3985857 8993.0

Contact to NTSC TX

0 0.0
   HAAT 158.0 m, ATV ERP 41.2 kW
    lost to NTSC IX 0 0.00
lost to additional IX by ATV 1413747 1204.2
lost to ATV IX only 1413747 1204.2
lost to all IX 1413747 1204.2
 Potential Interfering Stations Included in above Scenario 1
                                   BLEDT
                                                 20120731ALN LIC
27A DC WASHINGTON
28A MD SALISBURY
29A MD BALTIMORE
                                   BLEDT 20090209AEM LIC
BLEDT 20090330AEX LIC
28A NY NEW YORK
                                    USERRECORD01
                                                                   APP
Percent new IX = 0.0000%
Result key: 11
Scenario 2 Affected station 8
Before Analysis
                                                 BLEDT 20090330AFA LIC
Results for: 28A MD FREDERICK
   HAAT 158.0 m, ATV ERP 41.2 kW
   HAAT 158.0 m, ATV ERP 41.2 kW
POPULATION AREA (sq km)
within Noise Limited Contour 4301612 10265.6
not affected by terrain losses 3985857 8993.0
   not affected by terrain 108800 lost to NTSC IX 0 0.0 lost to additional IX by ATV 1395649 1143.8 lost to ATV IX only 1395649 1143.8 1395649 1143.8
 Potential Interfering Stations Included in above Scenario
                                 BLEDT 20120731ALN LIC
BPEDT 20080318AAC CP
BLEDT 20090330AEX LIC
27A DC WASHINGTON
28A MD SALISBURY
29A MD BALTIMORE
                                    DTVPLN DTVP1034
28A NY NEW YORK
After Analysis
   HAAT 158.0 m, ATV ERP 41.2 kW
Results for: 28A MD FREDERICK
    POPULATION AREA (sq km) within Noise Limited Contour 4301612 10265.6
                                                               8993.0
    not affected by terrain losses 3985857
   lost to NTSC IX 0 0.0 0.0 lost to additional IX by ATV 1395649 1143.8 lost to ATV IX only 1395649 1143.8 lost to all IX 1395649 1143.8
```

```
        27A DC WASHINGTON
        BLEDT 20120731ALN LIC

        28A MD SALISBURY
        BPEDT 20080318AAC CP

        29A MD BALTIMORE
        BLEDT 20090330AEX LIC

        28A NY NEW YORK
        USERRECORD01 APP

                                                                                       USERRECORD01
28A NY NEW YORK
                                                                                                                                                                 APP
```

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

Analysis of Interference to Affected Station 9

Analysis of current record

Channel Call City/State Application Ref. No. SALISBURY MD BLEDT -200902 28 WCPB BLEDT -20090209AEM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicati	on Ref. No.
27	WETA-TV	WASHINGTON DC	143.5	LIC	BLEDT	-20120731ALN
27	WGTW-TV	BURLINGTON NJ	186.6	LIC	BLCDT	-20060105AAR
28	WFPT	FREDERICK MD	177.8	LIC	BLEDT	-20090330AFA
28	WRDC	DURHAM NC	398.6	LIC	BLCDT	-20090612AID
28	WNBC	NEW YORK NY	291.8	PLN	DTVPLN	-DTVP1034
29	WMPB	BALTIMORE MD	156.4	LIC	BLEDT	-20090330AEX
29	WUVP-DT	VINELAND NJ	186.6	LIC	BLCDT	-20090923ADS
29	WVBT	VIRGINIA BEACH VA	191.9	LIC	BLCDT	-20020326ABB
29	WVBT	VIRGINIA BEACH VA	191.9	CP	BPCDT	-20080619AJD
28	WNBC-DT	NEW YORK NY	291.9	APP	USERRECOR	D-01
Prop	osal caus	es no interference				

Analysis of Interference to Affected Station 10

Analysis of current record Channel Call City/State 28 WCPB SALISBURY MD Application Ref. No. BPEDT -20080318AAC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
27	WETA-TV	WASHINGTON DC	143.5	LIC	BLEDT	-20120731ALN
27	WGTW-TV	BURLINGTON NJ	186.6	LIC	BLCDT	-20060105AAR
28	WFPT	FREDERICK MD	177.8	LIC	BLEDT	-20090330AFA
28	WRDC	DURHAM NC	398.6	LIC	BLCDT	-20090612AID
28	WNBC	NEW YORK NY	291.8	PLN	DTVPLN	-DTVP1034
29	WMPB	BALTIMORE MD	156.4	LIC	BLEDT	-20090330AEX
29	WUVP-DT	VINELAND NJ	186.6	LIC	BLCDT	-20090923ADS
29	WVBT	VIRGINIA BEACH VA	191.9	LIC	BLCDT	-20020326ABB
29	WVBT	VIRGINIA BEACH VA	191.9	CP	BPCDT	-20080619AJD
28	WNBC-DT	NEW YORK NY	291.9	APP	USERRECOR	D-01
Prop	osal caus	es no interference				

Analysis of Interference to Affected Station 11

Analysis of current record

Channel Call City/State Application Ref. No.

28 WUHF ROCHESTER NY BLCDT -200503 BLCDT -20050316AAK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
27	WFXV	UTICA NY	173.9	APP	BMPCDT	-20080114ABF
27	WFXV	UTICA NY	195.4	LIC	BLCDT	-20090331ADG
28	WNBC	NEW YORK NY	399.6	PLN	DTVPLN	-DTVP1034
28	WUAB	LORAIN OH	392.1	LIC	BLCDT	-20020516AAG
29	WKTV	UTICA NY	214.6	LIC	BLCDT	-20060630ACL
29	WQMY	WILLIAMSPORT PA	218.4	LIC	BLCDT	-20090223ABU
28	WNBC-DT	NEW YORK NY	399.6	APP	USERRECOR	D-01

Proposal causes no interference

Analysis of Interference to Affected Station 12

Analysis of current record

Channel Call City/State Application Ref. No. 28 WNYF-CA WATERTOWN NY BLTTA -20010129AAT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
20	WNYI	ITHACA NY	134.2	LIC	BLCDT	-20100520AEA
20	WNYI	ITHACA NY	134.2	CP MOD	BMPCDT	-20100430AEA
21	WWTI	WATERTOWN NY	12.9	LIC	BLCDT	-20040128AFQ
24	WSTM-TV	SYRACUSE NY	114.6	LIC	BLCDT	-20090622AEM
25	WCNY-TV	SYRACUSE NY	114.6	LIC	BMLEDT	-20040916ABJ
27	WFXV	UTICA NY	106.8	APP	BMPCDT	-20080114ABF
27	WFXV	UTICA NY	104.8	LIC	BLCDT	-20090331ADG
28	WNBC	NEW YORK NY	390.6	PLN	DTVPLN	-DTVP1034
28	WUHF	ROCHESTER NY	167.6	LIC	BLCDT	-20050316AAK
28	WVVC-LD	UTICA NY	114.6	APP	BDISDTL	-20120229AAH
29	WKTV	UTICA NY	119.4	LIC	BLCDT	-20060630ACL
30	WUTR	UTICA NY	104.8	LIC	BLCDT	-20040217ADC
28	WNBC-DT	NEW YORK NY	390.5	APP	USERRECORI	D-01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 13

Analysis of current record

Channel Call City/State Application Ref. No. 28 WFPA-CA PHILADELPHIA PA BLTTL -20000428ABK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
21	WHP-TV	HARRISBURG PA	142.7	LIC	BLCDT	-20090615ADL
21	WHP-TV	HARRISBURG PA	142.7	CP	BPCDT	-20100325ABG
24	WNYE-TV	NEW YORK NY	132.5	LIC	BLEDT	-20071228ABM
25	WTVE	READING PA	50.6	APP	BPCDT	-20100422ACQ
25	WTVE	READING PA	0.3	LIC	BLCDT	-20100405ABM
25	WTVE	READING PA	66.2	LIC	BLCDT	-20100405ABM
25	WTVE	READING PA	0.3	LIC	BLCDT	-20081117ADZ
26	KYW-TV	PHILADELPHIA PA	0.6	LIC	BLCDT	-20090326ABH
27	WGTW-TV	BURLINGTON NJ	0.3	LIC	BLCDT	-20060105AAR
28	WFPT	FREDERICK MD	197.6	LIC	BLEDT	-20090330AFA
28	WCPB	SALISBURY MD	186.3	LIC	BLEDT	-20090209AEM
28	WCPB	SALISBURY MD	186.3	CP	BPEDT	-20080318AAC
28	WNBC	NEW YORK NY	127.8	PLN	DTVPLN	-DTVP1034
29	WUVP-DT	VINELAND NJ	0.3	LIC	BLCDT	-20090923ADS
29	WFME-TV	WEST MILFORD NJ	117.6	LIC	BLEDT	-20040712ACP
30	WFUT-DT	NEWARK NJ	132.0	LIC	BLCDT	-20090618ABZ
30	WGCB-TV	RED LION PA	115.6	LIC	BLCDT	-20050615AAB
31	WPPX-TV	WILMINGTON DE	0.3	CP	BPCDT	-20080620AMP
31	WPPX-TV	WILMINGTON DE	0.3	LIC	BLCDT	-20031203AFL
31	WPXN-TV	NEW YORK NY	127.8	APP	BMPCDT	-20080620ALZ
31	WPXN-TV	NEW YORK NY	132.0	LIC	BLCDT	-20110729AAQ
32	WPSG	PHILADELPHIA PA	0.3	LIC	BLCDT	-20021025AAS
32	WPSG	PHILADELPHIA PA	0.3	CP	BPCDT	-20111024ACS
35	WYBE	PHILADELPHIA PA	0.3	LIC	BLEDT	-20091222ARE
36	WNJU	LINDEN NJ	132.0	CP	BPCDT	-20111220AFK
36	WNJU	LINDEN NJ	119.2	LIC	BLCDT	-20080514ADL
36	WMGM-TV	WILDWOOD NJ	109.4	LIC	BLCDT	-20060626ABE
36	WITF-TV	HARRISBURG PA	142.7	LIC	BLEDT	-20000922AHE
36	WITF-TV	HARRISBURG PA	142.7	CP	BPEDT	-20080620AMA
42	WZME	BRIDGEPORT CT	132.0	APP	BPCDT	-20120601ARY
42	WTXF-TV	PHILADELPHIA PA	0.2	LIC	BLCDT	-20120511ADN
43	WNJT	TRENTON NJ	54.0	LIC	BLEDT	-20110427ABE
28	WNBC-DT	NEW YORK NY	127.8	APP	USERRECOR	D-01
42	WZME	BRIDGEPORT CT		APP	BPCDT	-20120601ARY

Result key: 12 Scenario 1 Affected station 13

Before Analysis

Results for: 28N PA PHILADELPHIA	BLTTL	20000428ABK	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2009995	669.9	
not affected by terrain losses	2009995	669.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	273047	153.3	
lost to all IX	273047	153.3	

Potential Interfering Stations Included in above Scenario 1

25A P.	A READING	BLCDT	20100405ABM	LIC
26A P.	A PHILADELPHIA	BLCDT	20090326ABH	LIC
27A N	J BURLINGTON	BLCDT	20060105AAR	LIC
29A N	J VINELAND	BLCDT	20090923ADS	LIC
31A D	E WILMINGTON	BPCDT	20080620AMP	CP
32A P.	A PHILADELPHIA	BLCDT	20021025AAS	LIC
35A P.	A PHILADELPHIA	BLEDT	20091222ARE	LIC
28A N	Y NEW YORK	DTVPLN	DTVP1034	PLN

After Analysis

Results for: 28N PA PHILADELPHIA	BLTTL	20000428ABK	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2009995	669.9	
not affected by terrain losses	2009995	669.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	279323	161.4	
lost to all IX	279323	161.4	

Potential Interfering Stations Included in above Scenario 1

25A	PA	READING	BLCDT	20100405ABM	LIC
26A	PΑ	PHILADELPHIA	BLCDT	20090326ABH	LIC
27A	NJ	BURLINGTON	BLCDT	20060105AAR	LIC
29A	NJ	VINELAND	BLCDT	20090923ADS	LIC
31A	DE	WILMINGTON	BPCDT	20080620AMP	CP
32A	PΑ	PHILADELPHIA	BLCDT	20021025AAS	LIC
35A	PΑ	PHILADELPHIA	BLEDT	20091222ARE	LIC
28A	NY	NEW YORK	USERRECORI	001	APP

Percent new IX = 0.3122%

Result key: 13
Scenario 2 Affected station 13
Before Analysis

Results for: 28N PA PHILADELPHIA	BLTTL	20000428ABK	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2009995	669.9	
not affected by terrain losses	2009995	669.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	273047	153.3	
lost to all IX	273047	153.3	

Potential Interfering Stations Included in above Scenario 2

25A PA READING 26A PA PHILADELPHIA 27A NJ BURLINGTON 29A NJ VINELAND	BLCDT BLCDT BLCDT BLCDT	20100405ABM 20090326ABH 20060105AAR 20090923ADS	LIC LIC LIC
31A DE WILMINGTON	BPCDT	20080620AMP	CP
32A PA PHILADELPHIA	BPCDT	20111024ACS	CP
35A PA PHILADELPHIA	BLEDT	20091222ARE	LIC
28A NY NEW YORK	DTVPLN	DTVP1034	PLN

After Analysis

Results for: 28N PA PHILADELPHIA	BLTTL	20000428ABK	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2009995	669.9	
not affected by terrain losses	2009995	669.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	279323	161.4	
lost to all IX	279323	161.4	

```
Potential Interfering Stations Included in above Scenario
25A PA READING
                                                   BLCDT
                                                                        20100405ABM LIC
26A PA PHILADELPHIA BLCDT
                                                                   20090326ABH LIC
27A NJ BURLINGTON
                                                  BLCDT
BLCDT
                                                                       20060105AAR LIC
                                                                      20090923ADS LIC
29A NJ VINELAND
                                            BPCDT 20080620AMP CP
BPCDT 20111024ACS CP
BLEDT 20091222ARE LIC
31A DE WILMINGTON
32A PA PHILADELPHIA
35A PA PHILADELPHIA
28A NY NEW YORK
                                                  USERRECORD01
                                                                                                APP
Percent new IX = 0.3122%
Result key: 14
Scenario 3 Affected station 13
Before Analysis
Results for: 28N PA PHILADELPHIA
                                                                     BLTTL
                                                                                              20000428ABK LIC
                                                               POPULATION AREA (sq km)
     within Noise Limited Contour 2009995
                                                                                        669.9
     not affected by terrain losses 2009995
                                                                                                669.9
     lost to NTSC IX 0 0.0 lost to additional IX by ATV 273047 153.3 lost to all IX 273047 153.3
  Potential Interfering Stations Included in above Scenario
                                                  BLCDT
25A PA READING
                                                                        20100405ABM LIC
                                               BLCDT 20090326ABH LIC
BLCDT 20060105AAR LIC
26A PA PHILADELPHIA
BLCDT 20090923ADS LIC
BLCDT 20031203AFL LIC
32A PA PHILADELPHIA BLCDT 20021025AAS LIC
35A PA PHILADELPHIA BLEDT 20091227APF TO SEE THE SEE THE
27A NJ BURLINGTON
After Analysis
Results for: 28N PA PHILADELPHIA BLTTL 20000428ABK LIC
     POPULATION AREA (sq km) within Noise Limited Contour 2009995 669.9
                                                                                       669.9
669.9
                                                                                               669.9
     not affected by terrain losses
                                                                    2009995
                                                                     0 0.0
279323 161.4
279323 161 ^
     lost to NTSC IX
     lost to additional IX by ATV
     lost to all IX
  Potential Interfering Stations Included in above Scenario 3
25A PA READING
                                                  BLCDT
                                                                       20100405ABM LIC
                                               BLCDT
BLCDT
26A PA PHILADELPHIA
                                                                       20090326ABH LIC
27A NJ BURLINGTON
                                                                       20060105AAR LIC
29A NJ VINELAND
                                                  BLCDT
                                                                     20090923ADS LIC
                                                BLCDT 20031203AFL LIC
BLCDT 20021025AAS LIC
BLEDT 20091222ARE LIC
31A DE WILMINGTON
32A PA PHILADELPHIA
35A PA PHILADELPHIA
28A NY NEW YORK
                                                   USERRECORD01
Percent new IX = 0.3122%
Result key: 15
Scenario 4 Affected station 13
                              15
Before Analysis
Results for: 28N PA PHILADELPHIA
                                                                                                20000428ABK LIC
                                                                            BLTTL
                                                       POPULATION AREA (sq km)
     within Noise Limited Contour 2009995
                                                                                        669.9
     not affected by terrain losses
                                                                    2009995
                                                                                                669.9
      lost to NTSC IX
                                                                     0
                                                                                                0.0
      lost to additional IX by ATV
                                                                      273047
                                                                                                153.3
     lost to all IX
                                                                      273047
                                                                                                153.3
  Potential Interfering Stations Included in above Scenario
                                                   BLCDT
25A PA READING
                                                                        20100405ABM LIC
26A PA PHILADELPHIA
                                                   BLCDT
                                                                        20090326ABH LIC
27A NJ BURLINGTON
                                                  BLCDT
                                                                      20060105AAR LIC
                                                  BLCDT
BLCDT
29A NJ VINELAND
                                                                       20090923ADS LIC
31A DE WILMINGTON
                                                                       20031203AFL LIC
```

BPCDT

20111024ACS CP

32A PA PHILADELPHIA

35A PA PHILADELPHIA BLEDT 20091222ARE LIC 28A NY NEW YORK DTVPLN DTVP1034 PLN

After Analysis

Results for: 28N PA PHILADELPHIA BLTTL 200004287 POPULATION AREA (sq km) 20000428ABK LIC

	POPULATION	AKEA (SQ KIII)	
within Noise Limited Contour	2009995	669.9	
not affected by terrain losses	2009995	669.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	279323	161.4	
lost to all IX	279323	161.4	

Potential Interfering Stations Included in above Scenario 4

25A	PA	READING	BLCDT	20100405ABM	LIC
26A	PA	PHILADELPHIA	BLCDT	20090326ABH	LIC
27A	NJ	BURLINGTON	BLCDT	20060105AAR	LIC
29A	NJ	VINELAND	BLCDT	20090923ADS	LIC
31A	DE	WILMINGTON	BLCDT	20031203AFL	LIC
32A	PA	PHILADELPHIA	BPCDT	20111024ACS	CP
35A	PA	PHILADELPHIA	BLEDT	20091222ARE	LIC
28A	NY	NEW YORK	USERRECORD01		APP

Percent new IX = 0.3122%

Worst case new IX 0.3122% Scenario 1

Analysis of Interference to Affected Station 14

Analysis of current record

Channel Call City/State Application Ref. No.
28 WAZF-CA WINCHESTER/FRONT ROY VA BLTTL -19940422IK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Annlianti	on Ref. No.
21	WVPY	FRONT ROYAL VA	29.3	LIC	Applicati BLEDT	-20100209AAB
21	WVPY	FRONT ROYAL VA	82.3	CP	BPEDT	-20100209AAB
21	WVPY	FRONT ROYAL VA	76.9	CP	BPEDT	-20120321AAF
21	WVPY	FRONT ROYAL VA	90.4	CP	BPEDT	-20120321AAF
21	WVPY	FRONT ROYAL VA	29.3	CP	BPEDT	-20120321AAF
24	WNVC	FAIRFAX VA	89.9	LIC	BLEDT	-20090612ACS
26	WHAG-TV	HAGERSTOWN MD	55.0	LIC	BLCDT	-20090612AFP
27	WETA-TV	WASHINGTON DC	98.7	LIC	BLEDT	-20120731ALN
28	WFPT	FREDERICK MD	75.0	LIC	BLEDT	-20090330AFA
28	WCPB	SALISBURY MD	241.5	LIC	BLEDT	-20090209AEM
28	WCPB	SALISBURY MD	241.5	CP	BPEDT	-20080318AAC
28	WRDC	DURHAM NC	392.5	LIC	BLCDT	-20090612AID
28	WNBC	NEW YORK NY	392.8	PLN	DTVPLN	-DTVP1034
28	WVTX-CA	BRIDGEPORT OH	240.6	LIC	BLTTA	-20100322ABR
28	WVTX-CA	BRIDGEPORT OH	240.6	APP	BSTA	-20061222ABO
28	WUAB	LORAIN OH	386.0	LIC	BLCDT	-20020516AAG
29	WMPB	BALTIMORE MD	123.5	LIC	BLEDT	-20090330AEX
30	WNVT	GOLDVEIN VA	89.9	LIC	BLEDT	-20031230AAR
32	WVIR-TV	CHARLOTTESVILLE VA	137.3	LIC	BLCDT	-20040908AAE
35	WDCA	WASHINGTON DC	98.3	LIC	BLCDT	-20070411AAH
35	WDCA	WASHINGTON DC	98.3	CP	BPCDT	-20080620ANP
36	WTTG	WASHINGTON DC	98.3	LIC	BLCDT	-20080507AAA
36	WGPT	OAKLAND MD	98.6	LIC	BLEDT	-20110509ACO
42		ANNAPOLIS MD	137.0		BLEDT	-20110303ACO
	WMPT			LIC		
28	WNBC-DT	NEW YORK NY	392.9	APP	USERRECOR	D-0T

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 15

Analysis of current record
Channel Call City/State
29 WUVP-DT VINELAND NJ Application Ref. No. BLCDT -20090923ADS

Stations Potentially Affecting This Station

	2					
Chan Call	City/State		Dist(km) St	tatus	Applicat	ion Ref. No.
28 WFPT	City/State FREDERICK MD		197.7	LTC	BLEDT	-20090330AFA
28 WCPB	SALTSBURY MD		186.6 I	LTC	BLEDT	-20090330HFM
28 WCPB	SALISBURY MD		186.6	arp Tp	BPEDT	-20080318AAC
28 WNBC	NEW YORK NY		127.6 H	PLN	DTVPLN	-DTVP1034
29 WUNI	SALISBURY MD SALISBURY MD NEW YORK NY WORCESTER MA		389.5 I	LIC	BLCDT	-20090821ABQ
29 WMPB	BALTIMORE MD		147.5 I	LIC	BLEDT	-20090330AEX
29 WFME-TV	WEST MILFORD	NJ	117.4 I	LIC	BLEDT	-20040712ACP
29 WKTV	UTICA NY		341.1 I	LIC	BLCDT	-20060630ACL
29 WQMY	WILLIAMSPORT VIRGINIA BEA	PA	204.6 I	LIC	BLCDT	-20090223ABU
29 WVBT	VIRGINIA BEA	CH VA	374.8 I	LIC	BLCDT	-20020326ABB
	VIRGINIA BEA	CH VA	374.8	CP	BPCDT	-20080619AJD
	NEWARK NJ		131.8 I	LIC	BLCDT	-20090618ABZ
	RED LION PA		115.7 I	LIC	BLCDT	-20050615AAB
28 WNBC-DT	NEW YORK NY		127.6 A	APP	USERRECC	-20090330AFA -20090209AEM -20080318AAC -DTVP1034 -20090821ABQ -20090330AEX -20040712ACP -20060630ACL -20090223ABU -20020326ABB -20080619AJD -20090618ABZ -20050615AAB
Total scenari						
IOCAL SCENALL	.05 - 1					
Result key:	16					
Scenario		station	15			
Before Analysi						
_						
Results for: 2	9A NJ VINELAN	D	BLCDT	2009	0923ADS	LIC
HAAT 398.0	m, ATV ERP	335.0 kW				
		PC	PULATION AF	REA (sq	km)	
within Nois	e Limited Con	tour	8561362	26007.	0	
not affecte	d by terrain C IX itional IX by IX only	losses	8442690	25313.	3	
lost to NTS	CIX		0	0.	0	
lost to add	itional IX by	ATV	534221	1939.	./	
lost to ATV	IX only		534221	1939.	7	
lost to all	IX		534221	1939.	/	
Potential Int	erfering Stat	ions Incl	uded in above	e Scena	rio	1
29A MD BALTIMO	RE	BLEDT	20090330AEX	X LIC		
29A NJ WEST MI	LFORD	BLEDT	20040712ACI	P LIC		
29A PA WILLIAM	SPORT	BLCDT	20090223ABI	J LIC		
30A NJ NEWARK	.NT	BT CD.L.	20090618AB2	Z LIC		
29A MD BALTIMO 29A NJ WEST MI 29A PA WILLIAM 30A NJ NEWARK 30A PA RED LIO 28A NY NEW YOR	K IN	DLAMAT M	20050615AAI	DI'M P TIC		
ZOA NI NEW TOR		DIVILIN	DIVIIOSI	I IIIV		
After Analysis						
Results for: 2	9A NJ VINELAN	D	BLCDT	2009	0923ADS	LIC
	m, ATV ERP			DEA (1	
	e Limited Con	PC	PULATION AF	REA (sq	Km)	
Within Nois	e Limited Con	tour	8561362	26007.	0	
	d by terrain			25313.	0	
lost to Mis	itional IX by	Δ T'\7	534221	1939.		
lost to ATV		AIV	534221	1939.		
lost to all			534221	1939.		
Potential Int	erfering Stat	ions Incl	uded in above	e Scena	rio	1
29A MD BALTIMO		BLEDT	20090330AE			
29A NJ WEST MI	LFORD	BLEDT	20040712ACI			
29A PA WILLIAM		BLCDT				
30A NJ NEWARK		BLCDT	20090618AB2			
30A PA RED LIO			20050615AAI			
28A NY NEW YOR	.1.	USERRECO	TOUT	APP		
Percent new IX	0.0000%					
Worst case new	TX 0.0000	% Scenari	.o 1			
Worst case new IX 0.0000% Scenario 1						
#############	#############	########	############	#######	#######	########
Analysis	of Interferen	ce to Aff	ected Station	n 16		

Analysis of current record

Channel Call City/State Application Ref. No.

29 WFME-TV WEST MILFORD NJ BLEDT -20040712ACP

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Chan Call
                 City/State
                                         Dist(km) Status Application Ref. No.
      WNBC NEW YORK NY
WUNI WORCESTER MA
WMPB BALTIMORE MD
                                         22.0 PLN DTVPLN -DTVP1034
272.4 LIC BLCDT -20090821ABQ
 28
                                           272.4 LIC BLCDT -20090330AEX

261.3 LIC BLEDT -20090330AEX

117.4 LIC BLCDT -20090923ADS

262.4 LIC BLCDT -20060630ACL
 29
      WUVP-DT VINELAND NJ
 29
      WKTV UTICA NY
WOMY WILLIAMSPORT
 29
                                          244.7 LIC BLCDT -20090618ABZ
23.1 LIC BLCDT -20090618ABZ
220.3 LIC BLCDT -20050615AAB
 29
      WQMY
                WILLIAMSPORT PA
      WFUT-DT NEWARK NJ
WGCB-TV RED LION PA
 30
 30
     WNBC-DT NEW YORK NY
                                              22.0 APP USERRECORD-01
 2.8
 Total scenarios = 1
Result key: 17
Scenario 1 Affected station
Before Analysis
                                          BLEDT 20040712ACP LIC
Results for: 29A NJ WEST MILFORD
   HAAT 167.0 m, ATV ERP 200.0 kW
   within Noise Limited Contour POPULATION AREA (sq km) 16062939 12178.5
                                                   12178.5
11255.6
   not affected by terrain losses 15895421
                                 0 0.0

TV 2037089 3457.7
2037089 3457.7
2037089 3457.7
   lost to NTSC IX
   lost to additional IX by ATV
   lost to ATV IX only
   lost to all IX
 Potential Interfering Stations Included in above Scenario
                             BLCDT
29A MA WORCESTER
                                         20090821ABQ LIC
                             BLEDT
BLCDT
29A MD BALTIMORE
                                          20090330AEX LIC
                                         20090923ADS LIC
29A NJ VINELAND
                                         20060630ACL LIC
20090223ABU LIC
29A NY UTICA
                          BLCDT
BLCDT
BLCDT
29A PA WILLIAMSPORT
30A NJ NEWARK
                                         20090618ABZ LIC
28A NY NEW YORK
                              DTVPLN DTVP1034
                                                        PLN
After Analysis
                                         BLEDT 20040712ACP LIC
Results for: 29A NJ WEST MILFORD
   HAAT 167.0 m, ATV ERP 200.0 kW
   within Noise Limited Contour 16062939 12178.5
                                                     11255.6
   not affected by terrain losses 15895421
   lost to NTSC IX 0 0.0
lost to additional IX by ATV 2049389 3506.0
lost to ATV IX only 2049389 3506.0
lost to all IX 2049389 3506.0
 Potential Interfering Stations Included in above Scenario
                          BLCDT 20090821ABQ LIC
BLEDT 20090330AEX LIC
BLCDT 20090923ADS LIC
BLCDT 20060630ACL LIC
BLCDT 20090223ABU LIC
BLCDT 20090618ABZ LIC
29A MA WORCESTER
29A MD BALTIMORE
29A NJ VINELAND
29A NY UTICA
29A PA WILLIAMSPORT
30A NJ NEWARK
28A NY NEW YORK
                               USERRECORD01
                                                         APP
Percent new IX = 0.0888%
Worst case new IX 0.0888% Scenario
Analysis of Interference to Affected Station 17
Analysis of current record
Channel Call City/State
28 WNBC-DT NEW YORK NY
                                                 Application Ref. No.
                                                   USERRECORD-01
    Stations Potentially Affecting This Station
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Chan Call City/State Dist(km) Status Application Ref. No.
27 WGTW-TV BURLINGTON NJ 127.6 LIC BLCDT -20060105AAR
27 WTBY-TV POUGHKEEPSIE NY 86.4 LIC BLCDT -20090902ACZ

28 WFPT FREDER 28 WCPB SALISB 28 WCPB SALISB 28 WUHF ROCHES 29 WUVP-DT VINELA 29 WFME-TV WEST M	URY MD URY MD TER NY ND NJ ILFORD NJ	324.0 LIC 291.9 LIC 291.9 CP 399.6 LIC 127.6 LIC 22.0 LIC	BLEDT BLEDT BPEDT BLCDT BLCDT BLEDT	-20090330AFA -20090209AEM -20080318AAC -20050316AAK -20090923ADS -20040712ACP
Total scenarios =	2			
Result key: 18 Scenario 1 Af Before Analysis				
Results for: 28A NY N	EW YORK	USERRECORD0	1	APP
within Noise Limit not affected by te lost to NTSC IX lost to additional lost to ATV IX onl lost to all IX	POF ed Contour 20 rrain losses 19 IX by ATV Y	ULATION AREA 1372653 323 1970537 303 0 213070 13 213070 13 213070 13	82.4 66.3 0.0 29.5 29.5	1
0.00		00060105335	- a	
27A NJ BURLINGTON 27A NY POUGHKEEPSIE 28A MD FREDERICK 28A MD SALISBURY 29A NJ VINELAND 29A NJ WEST MILFORD	BLCDT BLEDT BLEDT BLEDT BLCDT BLEDT	20060105AAR L 20090902ACZ L 20090330AFA L 20090209AEM L 20090923ADS L 20040712ACP L	IC IC IC IC	
Result key: 19 Scenario 2 Af Before Analysis				
Results for: 28A NY N	EW YORK	USERRECORD0	1	APP
Results for: 28A NY N HAAT 519.0 m, ATV within Noise Limit not affected by te lost to NTSC IX lost to additional lost to ATV IX onl lost to all IX	ed Contour 20	372653 323	82.4	
Potential Interferin	g Stations Inclu	ded in above Sc	enario	2
27A NJ BURLINGTON 27A NY POUGHKEEPSIE 28A MD FREDERICK 28A MD SALISBURY 29A NJ VINELAND 29A NJ WEST MILFORD	BLCDT BLCDT BLEDT BPEDT BLCDT BLEDT	20060105AAR L 20090902ACZ L 20090330AFA L 20080318AAC C 20090923ADS L 20040712ACP L	IC IC P IC IC	

FINISHED FINISHED FINISHED FINISHED FINISHED

APPENDIX B

STATION B ALLOCATION ANALYSIS

Percent allowed new interference: 0.500

Percent allowed new interference to non Class A LPTV: 2.000

TW Census data selected 2000

Data Base Selected

/export/home/cdbs/pt_tvdb.sff

WARNING WARNING

The following list of station records has been excluded from the analysis due to the fact that they have the same state, city and channel as the proposed station - This could cause the program to not find a potential fail situation

You can force the program to include these records by setting the state of the proposed record to ${\tt ZZ}$ and re-running the analysis

WCBS-TV	33 NEW	YORK	NY	BMPCDT	20080619AAZ
WCBS-TV	33 NEW	YORK	NY	BMPCDT	20080619AAZ
WCBS-TV	33 NEW	YORK	NY	BPCDT	20090924AAQ
WCBS-TV	33 NEW	YORK	NY	BLCDT	20090612AFN

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-27-2012 Time: 11:11:30

Record Selected for Analysis

WCBS-DT USERRECORD-01 NEW YORK NY US

Channel 33 ERP 313. $\,$ kW $\,$ HAAT 519. m $\,$ RCAMSL 00530 m $\,$

Latitude 040-42-46 Longitude 0074-00-49

Status APP Zone 1 Border Site number: 01 Last update Cutoff date Docket

Comments Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility (site # 01) meets maximum height/power limits

Site numb	er 1		
Azimuth	ERP	HAAT	41.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	313.000	511.9	104.4
45.0	313.000	529.1	105.7
90.0	313.000	508.4	104.1
135.0	313.000	519.9	105.0
180.0	313.000	522.8	105.2
225.0	313.000	519.6	105.0
270.0	313.000	521.3	105.1
315.0	313.000	516.6	104.8

Evaluation toward Class A Stations from site # 01

No Spacing violations or contour overlap to Class A stations from site # 01

Class A Evaluation Complete

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance Distance to border = 397.6km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Proposed Station

Call City/State
WCBS-DT NEW YORK NY Channel ARN USERRECORD01 33

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
32	WPSG	PHILADELPHIA PA	127.6	LIC	BLCDT	20021025AAS
32	WPSG	PHILADELPHIA PA	127.6	CP	BPCDT	20111024ACS
32	WQPX-TV	SCRANTON PA	164.4	LIC	BLCDT	20060629AFR
33	WFSB	HARTFORD CT	155.3	CP	BPCDT	20110630AAH
33	WFSB	HARTFORD CT	155.3	LIC	BLCDT	20041029AIL
33	WHUT-TV	WASHINGTON DC	326.9	CP	BPEDT	20120627AAD
33	WHUT-TV	WASHINGTON DC	326.9	LIC	BLEDT	20071018AIJ
33	WPXG-TV	CONCORD NH	353.6	CP	BPCDT	20080619AJF
33	WPXG-TV	CONCORD NH	353.6	LIC	BLCDT	20031014AEP
34	WIVT	BINGHAMTON NY	219.9	LIC	BLCDT	20090819AGR
34	THMW	SCHENECTADY NY	212.6	LIC	BLEDT	20040108ALV
34	WCAU	PHILADELPHIA PA	127.6	LIC	BLCDT	20090914AAX

Analysis of Interference to Affected Station 1

Analysis of current record

Channel Call City/State Application Ref. No. 32 WPSG PHILADELPHIA PA BLCDT -200210 BLCDT -20021025AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicat:	ion Ref. No.
31	WPPX-TV	WILMINGTON DE	0.0	CP	BPCDT	-20080620AMP
31	WPPX-TV	WILMINGTON DE	0.0	LIC	BLCDT	-20031203AFL
31	WPXN-TV	NEW YORK NY	127.6	APP	BMPCDT	-20080620ALZ
31	WPXN-TV	NEW YORK NY	131.8	LIC	BLCDT	-20110729AAQ
31	WSWB	SCRANTON PA	160.4	LIC	BMLCDT	-20090529AJJ
31	WSWB-DR	SCRANTON PA	160.4	APP	BPRM	-20080619ALI
32	WBPX-TV	BOSTON MA	419.6	LIC	BLCDT	-20040723ACG
32	WBPX-TV	BOSTON MA	419.6	CP	BPCDT	-20080620ACX
32	WTAJ-TV	ALTOONA PA	277.9	LIC	BLCDT	-20051018ACE
32	WQPX-TV	SCRANTON PA	160.3	LIC	BLCDT	-20060629AFR
32	WVIR-TV	CHARLOTTESVILLE VA	361.7	LIC	BLCDT	-20040908AAE
33	WHUT-TV	WASHINGTON DC	199.3	CP	BPEDT	-20120627AAD
33	WHUT-TV	WASHINGTON DC	199.3	LIC	BLEDT	-20071018AIJ
33	WCBS-TV	NEW YORK NY	127.6	PLN	DTVPLN	-DTVP1219
33	WCBS-DT	NEW YORK NY	127.6	APP	USERRECO	RD-01

Total scenarios = 2

Result key: 1
Scenario 1 Affected station 1

Before Analysis

HAAT 400.0 m, ATV ERP 250.0 kW Results for: 32A PA PHILADELPHIA

	POPULATION	AREA (sq km)
within Noise Limited Contour	8509480	24022.7
not affected by terrain losses	8152989	23215.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	292253	698.5
lost to ATV IX only	292253	698.5
lost to all IX	292253	698.5

31A NY NEW YORK 32A PA ALTOONA 32A PA SCRANTON 32A VA CHARLOTTESVILLE 33A NY NEW YORK	BLCDT	20110729AAQ	LIC	
32A PA ALTOONA 32A PA SCRANTON	BLCDT BLCDT	20051018ACE 20060629AFR	LIC LIC	
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC	
After Analysis	DTVPLN	DTVP1219	PLN	
-				
Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP	250.0 kW		17 (1)	LIC
within Noise Limited Co	ntour	OPULATION ARE 8509480 2	4022.7	
not affected by terrain	losses	8152989 2	3215.2	
lost to additional IX b	y ATV	363607	851.9	
lost to ATV IX only lost to all IX		363607 363607	851.9 851.9	
within Noise Limited Contour 8509480 24022.7 not affected by terrain losses 8152989 23215.2 lost to NTSC IX 0 0.0 lost to additional IX by ATV 363607 851.9 lost to ATV IX only 363607 851.9 lost to all IX 363607 851.9 Potential Interfering Stations Included in above Scenario 1				
31A NY NEW YORK 32A PA ALTOONA 32A PA SCRANTON 32A VA CHARLOTTESVILLE 33A NY NEW YORK	BLCDT	20110729AAQ	LIC	
32A PA ALTOONA 32A PA SCRANTON	BLCDT BLCDT	20051018ACE 20060629AFR	LIC	
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC	
33A NY NEW YORK	USERRECO	ORD01	APP	
The following station fai	led the de	e minimis inter CORD01	ference crite	eria.
33D NY NEW YORK ERP 313.00 kW HAAT 51	9.0 m RC	AMSL 530.0 m		
Antenna none				
Due to interference to th 32D PA PHILADELPHIA	e followir	ng station and	scenario:	1
ERP 250.00 kW HAAT 40	$0.0 \mathrm{m} \mathrm{RC}$	AMSL 465.0 m		
Antenna CDB 0000000004422	9			
Percent new interference	from propo	osal: 0.9	077 to BLCDT	20021025AAS
Result key: 2				
Result key: 2 Scenario 2 Affecte Before Analysis	d station	1		
Before Analysis			20021025224	110
Result key: 2 Scenario 2 Affecte Before Analysis Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP	ELPHIA 250.0 kW	BLCDT	20021025AAS	LIC
Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP	ELPHIA 250.0 kW	BLCDT	(Sarkm)	LIC
Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP	ELPHIA 250.0 kW	BLCDT	(Sarkm)	LIC
Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP	ELPHIA 250.0 kW	BLCDT	(Sarkm)	LIC
Before Analysis Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Conot affected by terrain lost to NTSC IX lost to additional IX b lost to ATV IX only	ELPHIA 250.0 kW	BLCDT DPULATION ARE 8509480 2 8152989 2 0 292738	A (sq km) 4022.7 3215.2 0.0 702.5 702.5	LIC
Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co. not affected by terrain lost to NTSC IX lost to additional IX b lost to ATV IX only lost to all IX	ELPHIA 250.0 kW PC ntour losses y ATV	BLCDT DPULATION ARE 8509480 2 8152989 2 0 292738 292738 292738	A (sq km) 4022.7 3215.2 0.0 702.5 702.5 702.5	
Before Analysis Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Conot affected by terrain lost to NTSC IX lost to additional IX b lost to ATV IX only	ELPHIA 250.0 kW PC ntour losses y ATV	BLCDT DPULATION ARE 8509480 2 8152989 2 0 292738 292738 292738	A (sq km) 4022.7 3215.2 0.0 702.5 702.5 702.5	
Before Analysis Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co. not affected by terrain lost to NTSC IX lost to additional IX b lost to ATV IX only lost to all IX Potential Interfering Sta 31A NY NEW YORK	ELPHIA 250.0 kW PO ntour losses y ATV tions Incl BMPCDT	BLCDT DPULATION ARE 8509480 2 8152989 2 0 292738 292738 292738 1uded in above	A (sq km) 4022.7 3215.2 0.0 702.5 702.5 702.5 Scenario APP	
Before Analysis Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co. not affected by terrain lost to NTSC IX lost to additional IX b lost to ATV IX only lost to all IX Potential Interfering Sta 31A NY NEW YORK	ELPHIA 250.0 kW PO ntour losses y ATV tions Incl BMPCDT	BLCDT DPULATION ARE 8509480 2 8152989 2 0 292738 292738 292738 1uded in above	A (sq km) 4022.7 3215.2 0.0 702.5 702.5 702.5 Scenario APP	
Before Analysis Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co. not affected by terrain lost to NTSC IX lost to additional IX b lost to ATV IX only lost to all IX Potential Interfering Sta 31A NY NEW YORK	ELPHIA 250.0 kW PO ntour losses y ATV tions Incl BMPCDT	BLCDT DPULATION ARE 8509480 2 8152989 2 0 292738 292738 292738 1uded in above	A (sq km) 4022.7 3215.2 0.0 702.5 702.5 702.5 Scenario APP	
Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co. not affected by terrain lost to NTSC IX lost to additional IX b lost to ATV IX only lost to all IX Potential Interfering Sta 31A NY NEW YORK 32A PA ALTOONA 32A PA SCRANTON 32A VA CHARLOTTESVILLE 33A NY NEW YORK	ELPHIA 250.0 kW PO ntour losses y ATV tions Incl BMPCDT	BLCDT DPULATION ARE 8509480 2 8152989 2 0 292738 292738 292738 1uded in above	A (sq km) 4022.7 3215.2 0.0 702.5 702.5 702.5 Scenario APP	
Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Conot affected by terrain lost to NTSC IX lost to additional IX belost to ATV IX only lost to all IX Potential Interfering Sta 31A NY NEW YORK 32A PA ALTOONA 32A PA SCRANTON 32A VA CHARLOTTESVILLE 33A NY NEW YORK After Analysis	ELPHIA 250.0 kW PO ntour losses y ATV tions Incl BMPCDT BLCDT BLCDT BLCDT BLCDT DTVPLN	BLCDT DPULATION ARE 8509480 2 8152989 2 0 292738 292738 292738 luded in above 20080620ALZ 20051018ACE 20060629AFR 20040908AAE DTVP1219	A (sq km) 4022.7 (3215.2 0.0 702.5 702.5 702.5 Scenario APP LIC LIC LIC LIC PLN	2
Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co. not affected by terrain lost to NTSC IX lost to additional IX b lost to ATV IX only lost to all IX Potential Interfering Sta 31A NY NEW YORK 32A PA ALTOONA 32A PA SCRANTON 32A VA CHARLOTTESVILLE 33A NY NEW YORK	ELPHIA 250.0 kW PO ntour losses y ATV tions Incl BMPCDT BLCDT BLCDT BLCDT BLCDT DTVPLN ELPHIA 250.0 kW	BLCDT DPULATION ARE 8509480 2 8152989 2 0 292738 292738 292738 luded in above 20080620ALZ 20051018ACE 20060629AFR 20040908AAE DTVP1219 BLCDT	A (sq km) 4022.7 (3215.2 0.0 702.5 702.5 702.5 Scenario APP LIC LIC LIC LIC PLN 20021025AAS	2
Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Conot affected by terrain lost to NTSC IX lost to additional IX belost to ATV IX only lost to all IX Potential Interfering Sta 31A NY NEW YORK 32A PA ALTOONA 32A PA SCRANTON 32A VA CHARLOTTESVILLE 33A NY NEW YORK After Analysis Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co	ELPHIA 250.0 kW PO ntour losses y ATV tions Incl BMPCDT BLCDT BLCDT BLCDT BLCDT DTVPLN ELPHIA 250.0 kW PO ntour	BLCDT DPULATION ARE 8509480 2 8152989 2 0 292738 292738 292738 luded in above 20080620ALZ 20051018ACE 20060629AFR 20040908AAE DTVP1219 BLCDT DPULATION ARE 8509480 2	A (sq km) 4022.7 3215.2 0.0 702.5 702.5 702.5 Scenario APP LIC LIC LIC LIC PLN 20021025AAS	2
Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co. not affected by terrain lost to NTSC IX lost to additional IX b lost to ATV IX only lost to all IX Potential Interfering Sta 31A NY NEW YORK 32A PA ALTOONA 32A PA SCRANTON 32A VA CHARLOTTESVILLE 33A NY NEW YORK After Analysis Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co. not affected by terrain lost to NTSC IX	ELPHIA 250.0 kW PC ntour losses y ATV tions Incl BMPCDT BLCDT BLCDT BLCDT DTVPLN ELPHIA 250.0 kW PC ntour losses	BLCDT DPULATION ARE 8509480 2 8152989 2 0 292738 292738 292738 luded in above 20080620ALZ 20051018ACE 20060629AFR 20040908AAE DTVP1219 BLCDT DPULATION ARE 8509480 2 8152989 2	A (sq km) 4022.7 3215.2 0.0 702.5 702.5 702.5 Scenario APP LIC LIC LIC LIC PLN 20021025AAS A (sq km) 4022.7 3215.2 0.0	2
Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co. not affected by terrain lost to NTSC IX lost to additional IX b lost to ATV IX only lost to all IX Potential Interfering Sta 31A NY NEW YORK 32A PA ALTOONA 32A PA SCRANTON 32A VA CHARLOTTESVILLE 33A NY NEW YORK After Analysis Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co. not affected by terrain lost to NTSC IX	ELPHIA 250.0 kW PC ntour losses y ATV tions Incl BMPCDT BLCDT BLCDT BLCDT DTVPLN ELPHIA 250.0 kW PC ntour losses	BLCDT DPULATION ARE 8509480 2 8152989 2 0 292738 292738 292738 luded in above 20080620ALZ 20051018ACE 20060629AFR 20040908AAE DTVP1219 BLCDT DPULATION ARE 8509480 2 8152989 2	A (sq km) 4022.7 3215.2 0.0 702.5 702.5 702.5 Scenario APP LIC LIC LIC LIC PLN 20021025AAS A (sq km) 4022.7 3215.2 0.0	2
Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co. not affected by terrain lost to NTSC IX lost to additional IX b lost to ATV IX only lost to all IX Potential Interfering Sta 31A NY NEW YORK 32A PA ALTOONA 32A PA SCRANTON 32A VA CHARLOTTESVILLE 33A NY NEW YORK After Analysis Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co. not affected by terrain	ELPHIA 250.0 kW PC ntour losses y ATV tions Incl BMPCDT BLCDT BLCDT BLCDT DTVPLN ELPHIA 250.0 kW PC ntour losses	BLCDT DPULATION ARE 8509480 2 8152989 2 0 292738 292738 292738 luded in above 20080620ALZ 20051018ACE 20060629AFR 20040908AAE DTVP1219 BLCDT DPULATION ARE 8509480 2 8152989 2	A (sq km) 4022.7 3215.2 0.0 702.5 702.5 702.5 Scenario APP LIC LIC LIC LIC PLN 20021025AAS A (sq km) 4022.7 3215.2 0.0 851.9 851.9	2
Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co. not affected by terrain lost to NTSC IX lost to additional IX b lost to ATV IX only lost to all IX Potential Interfering Sta 31A NY NEW YORK 32A PA ALTOONA 32A PA SCRANTON 32A VA CHARLOTTESVILLE 33A NY NEW YORK After Analysis Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co. not affected by terrain lost to NTSC IX lost to additional IX b lost to ATV IX only	ELPHIA 250.0 kW PO ntour losses y ATV tions Incl BMPCDT BLCDT BLCDT BLCDT DTVPLN ELPHIA 250.0 kW PO ntour losses y ATV	BLCDT DPULATION ARE 8509480 2 8152989 2 0 292738 292738 292738 luded in above 20080620ALZ 20051018ACE 20060629AFR 20040908AAE DTVP1219 BLCDT DPULATION ARE 8509480 2 8152989 2 0 363607 363607 363607	A (sq km) 4022.7 3215.2 0.0 702.5 702.5 702.5 Scenario APP LIC LIC LIC PLN 20021025AAS A (sq km) 4022.7 3215.2 0.0 851.9 851.9 851.9	LIC
Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co. not affected by terrain lost to NTSC IX lost to additional IX b lost to ATV IX only lost to all IX Potential Interfering Sta 31A NY NEW YORK 32A PA ALTOONA 32A PA SCRANTON 32A VA CHARLOTTESVILLE 33A NY NEW YORK After Analysis Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co. not affected by terrain lost to NTSC IX lost to additional IX b lost to ATV IX only lost to all IX Potential Interfering Sta 31A NY NEW YORK	ELPHIA 250.0 kW PO ntour losses y ATV tions Incl BMPCDT BLCDT BLCDT BLCDT BLCDT DTVPLN ELPHIA 250.0 kW PO ntour losses y ATV	BLCDT DPULATION ARE 8509480 2 8152989 2 0 292738 292738 292738 luded in above 20080620ALZ 20051018ACE 20060629AFR 20040908AAE DTVP1219 BLCDT DPULATION ARE 8509480 2 8152989 2 0 363607 363607 363607 363607 luded in above	A (sq km) 4022.7 3215.2 0.0 702.5 702.5 702.5 Scenario APP LIC LIC LIC LIC PLN 20021025AAS A (sq km) 4022.7 3215.2 0.0 851.9 851.9 851.9 Scenario APP Scenario	LIC
Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co. not affected by terrain lost to NTSC IX lost to additional IX b lost to ATV IX only lost to all IX Potential Interfering Sta 31A NY NEW YORK 32A PA ALTOONA 32A PA SCRANTON 32A VA CHARLOTTESVILLE 33A NY NEW YORK After Analysis Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co. not affected by terrain lost to NTSC IX lost to additional IX b lost to ATV IX only lost to all IX Potential Interfering Sta 31A NY NEW YORK 32A PA ALTOONA 32A PA SCRANTON 32A PA SCRANTON	ELPHIA 250.0 kW PO ntour losses y ATV tions Incl BMPCDT BLCDT BLCDT BLCDT DTVPLN ELPHIA 250.0 kW PO ntour losses y ATV tions Incl BMPCDT BLCDT BLCDT BLCDT BLCDT BLCDT BLCDT BLCDT BLCDT BLCDT	BLCDT DPULATION ARE 8509480 2 8152989 2 0 292738 292738 292738 luded in above 20080620ALZ 20051018ACE 20060629AFR DTVP1219 BLCDT DPULATION ARE 8509480 2 8152989 2 0 363607 363607 363607 363607 luded in above	A (sq km) 4022.7 3215.2 0.0 702.5 702.5 702.5 Scenario APP LIC LIC LIC PLN 20021025AAS A (sq km) 4022.7 3215.2 0.0 851.9 851.9 851.9 Scenario APP LIC	LIC
Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co. not affected by terrain lost to NTSC IX lost to additional IX b lost to ATV IX only lost to all IX Potential Interfering Sta 31A NY NEW YORK 32A PA ALTOONA 32A PA SCRANTON 32A VA CHARLOTTESVILLE 33A NY NEW YORK After Analysis Results for: 32A PA PHILAD HAAT 400.0 m, ATV ERP within Noise Limited Co. not affected by terrain lost to NTSC IX lost to additional IX b lost to ATV IX only lost to all IX Potential Interfering Sta 31A NY NEW YORK	ELPHIA 250.0 kW PO ntour losses y ATV tions Incl BMPCDT BLCDT BLCDT BLCDT DTVPLN ELPHIA 250.0 kW PO ntour losses y ATV tions Incl BMPCDT BLCDT BLCDT BLCDT BLCDT BLCDT BLCDT BLCDT BLCDT BLCDT	BLCDT DPULATION ARE 8509480 2 8152989 2 0 292738 292738 292738 luded in above 20080620ALZ 20051018ACE 20060629AFR DTVP1219 BLCDT DPULATION ARE 8509480 2 8152989 2 0 363607 363607 363607 363607 luded in above	A (sq km) 4022.7 3215.2 0.0 702.5 702.5 702.5 Scenario APP LIC LIC LIC PLN 20021025AAS A (sq km) 4022.7 3215.2 0.0 851.9 851.9 851.9 Scenario APP LIC	LIC

33A NY NEW YORK USERRECORD01

The following station failed the de minimis interference criteria. 33D NY NEW YORK USERRECORD01

33D NY NEW YORK USERRECORD01
ERP 313.00 kW HAAT 519.0 m RCAMSL 530.0 m

Antenna none

Due to interference to the following station and scenario: 2 BLCDT 20021025AAS

32D PA PHILADELPHIA BLCDT 20021025AAS ERP 250.00 kW HAAT 400.0 m RCAMSL 465.0 m

Antenna CDB 0000000044229

Percent new interference from proposal: 0.9016 to BLCDT 20021025AAS

Worst case new IX 0.9077% Scenario

Analysis of Interference to Affected Station 2

Analysis of current record

Channel Call City/State Application Ref. No. 32 WPSG PHILADELPHIA PA BPCDT -201110 BPCDT -20111024ACS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicati	on Ref. No.
31	WPPX-TV	WILMINGTON DE	0.0	CP	BPCDT	-20080620AMP
31	WPPX-TV	WILMINGTON DE	0.0	LIC	BLCDT	-20031203AFL
31	WPXN-TV	NEW YORK NY	127.6	APP	BMPCDT	-20080620ALZ
31	WPXN-TV	NEW YORK NY	131.8	LIC	BLCDT	-20110729AAQ
31	WSWB	SCRANTON PA	160.4	LIC	BMLCDT	-20090529AJJ
31	WSWB-DR	SCRANTON PA	160.4	APP	BPRM	-20080619ALI
32	WBPX-TV	BOSTON MA	419.6	LIC	BLCDT	-20040723ACG
32	WBPX-TV	BOSTON MA	419.6	CP	BPCDT	-20080620ACX
32	WTAJ-TV	ALTOONA PA	277.9	LIC	BLCDT	-20051018ACE
32	WQPX-TV	SCRANTON PA	160.3	LIC	BLCDT	-20060629AFR
32	WVIR-TV	CHARLOTTESVILLE VA	361.7	LIC	BLCDT	-20040908AAE
33	WHUT-TV	WASHINGTON DC	199.3	CP	BPEDT	-20120627AAD
33	WHUT-TV	WASHINGTON DC	199.3	LIC	BLEDT	-20071018AIJ
33	WCBS-TV	NEW YORK NY	127.6	PLN	DTVPLN	-DTVP1219
33	WCBS-DT	NEW YORK NY	127.6	APP	USERRECOR	D-01

Total scenarios = 2

Result key: 3
Scenario 1 Affected station 2

Before Analysis

BPCDT 20111024ACS CP Results for: 32A PA PHILADELPHIA HAAT 400.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9669508	29443.7
not affected by terrain losses	9370058	28661.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	381067	985.7
lost to ATV IX only	381067	985.7
lost to all IX	381067	985.7

Potential Interfering Stations Included in above Scenario 1

31A NY NEW YORK	BLCDT	20110729AAQ	LIC
32A PA ALTOONA	BLCDT	20051018ACE	LIC
32A PA SCRANTON	BLCDT	20060629AFR	LIC
32A VA CHARLOTTESVILLE	BLCDT	20040908AAE	LIC
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 32A PA PHILADELPHIA BPCDT 20111024ACS CP HAAT 400.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	9669508	29443.7
not affected by terrain losses	9370058	28661.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	434564	1069.5

```
434564 1069.5
434564 1069.5
    lost to ATV IX only
    lost to all IX
 Potential Interfering Stations Included in above Scenario 1
31A NY NEW YORK
32A PA ALTOONA BLCDT 2005
32A PA SCRANTON BLCDT 2006
32A VA CHARLOTTESVILLE BLCDT 2004
000 NEW YORK USERRECORD01
                                               20110729AAQ LIC
                                              20051018ACE LIC
                                            20060629AFR LIC
20040908AAE LIC
                                                               APP
 The following station failed the de minimis interference criteria.
 33D NY NEW YORK USERRECORD01
ERP 313.00 kW HAAT 519.0 m RCAMSL 530.0 m
            none
 Antenna
 Due to interference to the following station and scenario: 1
 32D PA PHILADELPHIA BPCDT 20111024ACS
ERP 800.00 kW HAAT 400.0 m RCAMSL 465.0 m
 Antenna CDB 0000000107152
 Percent new interference from proposal: 0.5951 to BPCDT 20111024ACS
Result key: 4
Scenario 2 Affected station 2
Before Analysis
Results for: 32A PA PHILADELPHIA
                                                BPCDT 20111024ACS CP
 HAAT 400.0 m, ATV ERP 800.0 kW
   within Noise Limited Contour 9669508 29443.7
    not affected by terrain losses
                                             9370058
                                             0 0.0
380158 981.7
380158 981.7
380158 981.7
                                                             28661.5
    lost to NTSC IX
    lost to additional IX by ATV
    lost to ATV IX only
    lost to all IX
 Potential Interfering Stations Included in above Scenario

        BMPCDT
        20080620ALZ
        APP

        BLCDT
        20051018ACE
        LIC

        BLCDT
        20060629AFR
        LIC

        BLCDT
        20040908AAE
        LIC

31A NY NEW YORK
32A PA ALTOONA
32A PA SCRANTON
32A PA SCRANTON
32A VA CHARLOTTESVILLE BLCDT 20040908AAE LIC
DTVPLN DTVP1219 PLN
After Analysis
Results for: 32A PA PHILADELPHIA
                                                 BPCDT 20111024ACS CP
   HAAT 400.0 m, ATV ERP 800.0 kW
    within Noise Limited Contour 9669508 AREA (sq km) pot affected by terrain losses 9370058 29443.7 28661.5
                                             9370056

0 0.0

433655 1065.5

433655 1065.5

433655 1065.5
    lost to NTSC IX
    lost to additional IX by ATV
    lost to ATV IX only
    lost to all IX
 Potential Interfering Stations Included in above Scenario
                                 BMPCDT 20080620ALZ APP
31A NY NEW YORK
32A PA ALTOONA BLCDT 20051018ACE LIC
32A PA SCRANTON BLCDT 20060629AFR LIC
32A VA CHARLOTTESVILLE BLCDT 20040908AAE LIC
33A NY NEW YORK
                                  USERRECORD01
33A NY NEW YORK
 The following station failed the de minimis interference criteria.
 33D NY NEW YORK
                               USERRECORD01
 33D NY NEW YORK USERRECORD01
ERP 313.00 kW HAAT 519.0 m RCAMSL 530.0 m
 Antenna
             none
 Due to interference to the following station and scenario: 2
 32D PA PHILADELPHIA BPCDT 20111024ACS ERP 800.00 kW HAAT 400.0 m RCAMSL 465.0 m
 Antenna CDB 0000000107152
 Percent new interference from proposal: 0.5951 to BPCDT 20111024ACS
```

Analysis of Interference to Affected Station 3

Analysis of current record

Channel Call City/Sta 32 WQPX-TV SCRANTON PA City/State Application Ref. No. BLCDT -20060629AFR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.	
31	WPPX-TV	WILMINGTON DE	160.3	CP	BPCDT	-20080620AMP	
31	WPPX-TV	WILMINGTON DE	160.3	LIC	BLCDT	-20031203AFL	
31	WPXN-TV	NEW YORK NY	164.4	APP	BMPCDT	-20080620ALZ	
31	WPXN-TV	NEW YORK NY	164.5	LIC	BLCDT	-20110729AAQ	
31	WSWB	SCRANTON PA	0.3	LIC	BMLCDT	-20090529AJJ	
31	WSWB-DR	SCRANTON PA	0.3	APP	BPRM	-20080619ALI	
32	WBPX-TV	BOSTON MA	385.0	LIC	BLCDT	-20040723ACG	
32	WBPX-TV	BOSTON MA	385.3	CP	BPCDT	-20080620ACX	
32	WNLO	BUFFALO NY	317.1	LIC	BLCDT	-20070320AAV	
32	WTAJ-TV	ALTOONA PA	247.3	LIC	BLCDT	-20051018ACE	
32	WPSG	PHILADELPHIA PA	160.3	LIC	BLCDT	-20021025AAS	
32	WPSG	PHILADELPHIA PA	160.3	CP	BPCDT	-20111024ACS	
32	WETK	BURLINGTON VT	417.2	LIC	BLEDT	-20061011ADW	
32	WETK	BURLINGTON VT	417.2	APP	BPEDT	-20050118AKO	
33	WCBS-TV	NEW YORK NY	164.5	PLN	DTVPLN	-DTVP1219	
33	WCBS-DT	NEW YORK NY	164.4	APP	USERRECORI	D-01	
Prop	Proposal causes no interference						

Analysis of Interference to Affected Station 4

Analysis of current record
Channel Call City/State
33 WFSB HARTFORD CT Application Ref. No. BPCDT -20110630AAH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicati	on Ref. No.
32	WBPX-TV	BOSTON MA	143.3	LIC	BLCDT	-20040723ACG
32	WBPX-TV	BOSTON MA	143.5	CP	BPCDT	-20080620ACX
33	WPXG-TV	CONCORD NH	198.4	CP	BPCDT	-20080619AJF
33	WPXG-TV	CONCORD NH	198.4	LIC	BLCDT	-20031014AEP
33	WCBS-TV	NEW YORK NY	155.4	PLN	DTVPLN	-DTVP1219
34	WNEU	MERRIMACK NH	167.4	LIC	BLCDT	-20021028AAH
34	WMHT	SCHENECTADY NY	137.0	LIC	BLEDT	-20040108ALV
33	WCBS-DT	NEW YORK NY	155.3	APP	USERRECOR	D-01

Total scenarios = 4

Result key: 5
Scenario 1 Affected station 4

Before Analysis

BPCDT 20110630AAH CP Results for: 33A CT HARTFORD HAAT 289.0 m, ATV ERP 1000.0 kW n)

	POPULATION	AREA (sq km)
within Noise Limited Contour	4745845	28750.5
not affected by terrain losses	4345545	25900.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	714241	3790.3
lost to ATV IX only	714241	3790.3
lost to all IX	714241	3790.3

Potential Interfering Stations Included in above Scenario

32A	MA	BOSTON	BLCDT	20040723ACG	LIC
33A	NH	CONCORD	BPCDT	20080619AJF	CP
34A	NY	SCHENECTADY	BLEDT	20040108ALV	LIC
33A	NY	NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

```
Results for: 33A CT HARTFORD
                                                  BPCDT
                                                               20110630AAH CP
    HAAT 289.0 m, ATV ERP 1000.0 kW
   POPULATION AREA (sq km) within Noise Limited Contour 4745845 28750.5 not affected by terrain losses 4345545 25900.8
                                               772312
772312
772312
                                                            0.0
   lost to additional IX by ATV
    lost to NTSC IX
   lost to ATV IX only
                                                             4421.3
    lost to all IX
 Potential Interfering Stations Included in above Scenario 1
32A MA BOSTON
                                  BLCDT
                                               20040723ACG LIC
                                BPCDT 20080619AJF CP
BLEDT 20040108ALV LIC
33A NH CONCORD
34A NY SCHENECTADY
33A NY NEW YORK
                                  USERRECORD01
 The following station failed the de minimis interference criteria.
 33D NY NEW YORK
                                   USERRECORD01
 33D NY NEW YORK USERRECORD01
ERP 313.00 kW HAAT 519.0 m RCAMSL 530.0 m
 Due to interference to the following station and scenario: \ 1
 33D CT HARTFORD
                                  BPCDT 20110630AAH
 33D CT HARTFORD BPCDT 20110630AAI ERP 1000.00 kW HAAT 289.0 m RCAMSL 375.0 m
 Percent new interference from proposal:
                                                         1.5992 to BPCDT
                                                                                    20110630AAH
Result key: 6
Scenario 2 Affected station
Before Analysis
Results for: 33A CT HARTFORD
                                                BPCDT 20110630AAH CP
   HAAT 289.0 m, ATV ERP 1000.0 kW
   ### POPULATION AREA (sq km)

within Noise Limited Contour 4745845 28750.5

not affected by terrain losses 4345545 25900.8

lost to NTSC IX 0 0.0

lost to additional IX by ATV 702631 3717.9

lost to ATV IX only 702631 3717.9

lost to all IX 702631 3717.9
 Potential Interfering Stations Included in above Scenario

        32A MA BOSTON
        BLCDT
        20040723ACG
        LIC

        33A NH CONCORD
        BLCDT
        20031014AEP
        LIC

        34A NY SCHENECTADY
        BLEDT
        20040108ALV
        LIC

        33A NY NEW YORK
        DTVPLN
        DTVP1219
        PLN

After Analysis
                                                 BPCDT 20110630AAH CP
Results for: 33A CT HARTFORD
   HAAT 289.0 m, ATV ERP 1000.0 kW
   within Noise Limited Contour 4745845 28750.5 not affected by terrain losses 4345545 25900.8
                                            762094 4357.0
762094 4357.0
762094 4357.0
    lost to NTSC IX
    lost to additional IX by ATV
    lost to ATV IX only
    lost to all IX
 Potential Interfering Stations Included in above Scenario 2
32A MA BOSTON
33A NH CONCORD
                                  BLCDT
                                                20040723ACG LIC
                                 BLCDT 20031014AEP LIC
BLEDT 20040108ALV LIC
34A NY SCHENECTADY
33A NY NEW YORK
                                   USERRECORD01
 The following station failed the de minimis interference criteria.
 33D NY NEW YORK USERRECORD01
ERP 313.00 kW HAAT 519.0 m RCAMSL 530.0 m
 Antenna none
 Due to interference to the following station and scenario: 2
 33D CT HARTFORD BPCDT 20110630AAH ERP 1000.00 kW HAAT 289.0 m RCAMSL 375.0 m
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Result key: 7
Scenario 3 Affected station

Before Analysis

BPCDT 20110630AAH CP Results for: 33A CT HARTFORD

HAAT 289.0 m, ATV ERP 1000.0 kW

111111 200 to m, 1111 2111 2000 to 1			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4745845	28750.5	
not affected by terrain losses	4345545	25900.8	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	715293	3810.4	
lost to ATV IX only	715293	3810.4	
lost to all IX	715293	3810.4	

Potential Interfering Stations Included in above Scenario 3

32A	MΑ	BOSTON	BPCDT	20080620ACX	CP
33A	NH	CONCORD	BPCDT	20080619AJF	CP
34A	NY	SCHENECTADY	BLEDT	20040108ALV	LIC
33A	NY	NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 33A CT HARTFORD HAAT 289.0 m, ATV ERP 1000.0 kW BPCDT 20110630AAH CP

	POPULATION	AREA (sq km)
within Noise Limited Contour	4745845	28750.5
not affected by terrain losses	4345545	25900.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	773364	4441.4
lost to ATV IX only	773364	4441.4
lost to all IX	773364	4441.4

Potential Interfering Stations Included in above Scenario 3

32A I	MΑ	BOSTON	BPCDT	20080620ACX	CP
33A 1	NH	CONCORD	BPCDT	20080619AJF	CP
34A 1	NY	SCHENECTADY	BLEDT	20040108ALV	LIC
33A 1	NY	NEW YORK	USERRECORD01		APP

The following station failed the de minimis interference criteria. 33D NY NEW YORK USERRECORD01 ERP 313.00 kW HAAT 519.0 m RCAMSL 530.0 m

Antenna none

Due to interference to the following station and scenario: 3 33D CT HARTFORD BPCDT 20110630AAH ERP 1000.00 kW HAAT 289.0 m RCAMSL 375.0 m

Percent new interference from proposal: 1.5996 to BPCDT 20110630AAH

Result key: 8
Scenario 4 Affected station 4

Before Analysis

Results for: 33A CT HARTFORD BPCDT 20110630AAH CP HAAT 289.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4745845	28750.5
not affected by terrain losses	4345545	25900.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	704683	3754.1
lost to ATV IX only	704683	3754.1
lost to all IX	704683	3754.1

Potential Interfering Stations Included in above Scenario 4

32A MA BOSTON	BPCDT	20080620ACX	CP
33A NH CONCORD	BLCDT	20031014AEP	LIC
34A NY SCHENECTADY	BLEDT	20040108ALV	LIC
33A NY NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 33A CT HARTFORD BPCDT 20110630AAH CP

HAAT 289.0 m, ATV ERP 1000.0 kW POPULATION AREA (sq km) within Noise Limited Contour 4745845 28750.5 not affected by terrain losses 4345545 25900.8 0.0 4389.1 lost to NTSC IX 0 4389.1 4389.1 763828 763828 lost to additional IX by ATV lost to ATV IX only lost to all IX 763828 4389.1 Potential Interfering Stations Included in above Scenario 4 BPCDT 20080620ACX CP

32A MA BOSTON 33A NH CONCORD 20031014AEP LIC 20040108ALV LIC BLCDT BLEDT 34A NY SCHENECTADY USERRECORD01 33A NY NEW YORK APP

The following station failed the de minimis interference criteria. 33D NY NEW YORK USERRECORD01
ERP 313.00 kW HAAT 519.0 m RCAMSL 530.0 m

Antenna none

Due to interference to the following station and scenario: 4 33D CT HARTFORD BPCDT 20110630AAH ERP 1000.00 kW HAAT 289.0 m RCAMSL 375.0 m

1.6245 to BPCDT 20110630AAH Percent new interference from proposal:

Worst case new IX 1.6323% Scenario 2

Analysis of Interference to Affected Station 5

Analysis of current record

Channel Call City/State Application Ref. No. HARTFORD CT 33 WFSB BLCDT -20041029AIL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
32	WBPX-TV	BOSTON MA	143.3	LIC	BLCDT	-20040723ACG
32	WBPX-TV	BOSTON MA	143.5	CP	BPCDT	-20080620ACX
33	WPXG-TV	CONCORD NH	198.4	CP	BPCDT	-20080619AJF
33	WPXG-TV	CONCORD NH	198.4	LIC	BLCDT	-20031014AEP
33	WCBS-TV	NEW YORK NY	155.4	PLN	DTVPLN	-DTVP1219
34	WNEU	MERRIMACK NH	167.4	LIC	BLCDT	-20021028AAH
34	WMHT	SCHENECTADY NY	137.0	LIC	BLEDT	-20040108ALV
33	WCBS-DT	NEW YORK NY	155.3	APP	USERRECORI	D-01

Total scenarios = 4

Result key: 9
Scenario 1 Affected station 5

Before Analysis

Results for: 33A CT HARTFORD BLCDT 20041029AIL LIC HAAT 289.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contou	r 4594265	27295.2
not affected by terrain los	ses 4213689	24657.8
lost to NTSC IX	0	0.0
lost to additional IX by AT	V 689320	3666.7
lost to ATV IX only	689320	3666.7
lost to all IX	689320	3666.7

Potential Interfering Stations Included in above Scenario

32	A MA	BOSTON	BLCDT	20040723ACG	LIC
33	A NH	CONCORD	BPCDT	20080619AJF	CP
34	A NY	SCHENECTADY	BLEDT	20040108ALV	LIC
23	Δ MV	NEM AUBK	וא.זסו/ויות	מעזידת 1219	DT.N

After Analysis

Results for: 33A CT HARTFORD BLCDT 20041029AIL LIC

```
HAAT 289.0 m, ATV ERP 1000.0 kW
   POPULATION AREA (sq km) within Noise Limited Contour 4594265 27295.2
                                      24657.8
0 0.0
749232 4342.1
749232 4247
749222
   not affected by terrain losses
                                      4213689
   lost to NTSC IX
   lost to additional IX by ATV
   lost to ATV IX only
                                      749232
   lost to all IX
                                                   4342.1
 Potential Interfering Stations Included in above Scenario
32A MA BOSTON
                            BLCDT
                                       20040723ACG LIC
33A NH CONCORD
                         BPCDT 20080619AJF CP
BLEDT 20040108ALV LIC
34A NY SCHENECTADY
                            USERRECORD01
33A NY NEW YORK
                                                     APP
 The following station failed the de minimis interference criteria.
 33D NY NEW YORK USERRECORD01
ERP 313.00 kW HAAT 519.0 m RCAMSL 530.0 m
 Antenna none
 Due to interference to the following station and scenario: 1
 33D CT HARTFORD BLCDT 20041029AIL ERP 1000.00 kW HAAT 289.0 m RCAMSL 375.0 m
 Antenna CDB 0000000044846
 Percent new interference from proposal: 1.6999 to BLCDT 20041029AIL
Result key: 10
Scenario 2 Affected station 5
Before Analysis
Results for: 33A CT HARTFORD
                                        BLCDT 20041029AIL LIC
   HAAT 289.0 m, ATV ERP 1000.0 kW
   Within Noise Limited Contour 4594265 27295.2
                                                  24657.8
   not affected by terrain losses
                                     4213689
   lost to NTSC IX 0 0.0 0.0 lost to additional IX by ATV 674463 3542.1 lost to ATV IX only 674463 3542.1 lost to all IX 674463 3542.1
 Potential Interfering Stations Included in above Scenario
                            BLCDT
32A MA BOSTON
                                       20040723ACG LIC
                                     20031014AEP LIC
33A NH CONCORD
                            BLCDT
                           BLEDT
34A NY SCHENECTADY
                                      20040108ALV LIC
33A NY NEW YORK
                             DTVPLN DTVP1219
After Analysis
Results for: 33A CT HARTFORD
                                        BLCDT 20041029AIL LIC
   HAAT 289.0 m, ATV ERP 1000.0 kW
   within Noise Limited Contour 4594265 27295.2
   not affected by terrain losses
                                     4213689
                                                   24657.8
                                      0 0.0
736543 4233.6
736543 4233.6
736543 4223.5
   lost to NTSC IX
lost to additional IX by ATV
   lost to ATV IX only
   lost to all IX
Potential Interfering Stations Included in above Scenario 2
32A MA BOSTON
                             BLCDT
                                       20040723ACG LIC
                                     20040723765 ___
20031014AEP LIC
20040108ALV LIC
33A NH CONCORD
                            BLCDT
34A NY SCHENECTADY
                           BLEDT
33A NY NEW YORK
                            USERRECORD01
                                                     APP
 The following station failed the de minimis interference criteria.
 33D NY NEW YORK USERRECORD01
ERP 313.00 kW HAAT 519.0 m RCAMSL 530.0 m
 Antenna none
 Due to interference to the following station and scenario: 2
 33D CT HARTFORD BLCDT 20041029AIL ERP 1000.00 kW HAAT 289.0 m RCAMSL 375.0 m
 Antenna CDB 0000000044846
 Percent new interference from proposal: 1.7541 to BLCDT 20041029AIL
```

Result key: 11 Scenario 3 Affected station 5

Before Analysis

Results for: 33A CT HARTFORD BLCDT 20041029AIL LIC

HAAT 289.0 m, ATV ERP 1000.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 4594265 27295.2 27295.2 24657.8 not affected by terrain losses 4213689 lost to NTSC IX 0 0.0 lost to additional IX by ATV 692722 3702.9 lost to ATV IX only 692722 3702.9 lost to all IX 692722 3702.9

Potential Interfering Stations Included in above Scenario

20080620ACX CP BPCDT 20080619AJF CP BLEDT 20040100222 32A MA BOSTON 33A NH CONCORD 20040108ALV LIC 34A NY SCHENECTADY 33A NY NEW YORK DTVPLN DTVP1219 PLN

After Analysis

Results for: 33A CT HARTFORD BLCDT 20041029AIL LIC

HAAT 289.0 m, ATV ERP 1000.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 4594265 27295.2 not affected by terrain losses 4213689 24657.8 lost to NTSC IX 0 0.0
lost to additional IX by ATV 752634 4374.3
lost to ATV IX only 752634 4374.3
lost to all IX 752634 4374.3

Potential Interfering Stations Included in above Scenario 3

32A MA BOSTON BPCDT 20080620ACX CP BPCDT 20080019AJF CP BLEDT 20040108ALV LIC 33A NH CONCORD 34A NY SCHENECTADY 33A NY NEW YORK USERRECORD01

The following station failed the de minimis interference criteria. 33D NY NEW YORK USERRECORD01 ERP 313.00 kW HAAT 519.0 m RCAMSL

519.0 m RCAMSL 530.0 m

Antenna none

Due to interference to the following station and scenario: 3 33D CT HARTFORD BLCDT 20041029AIL ERP 1000.00 kW HAAT 289.0 m RCAMSL 375.0 m

Antenna CDB 0000000044846

Percent new interference from proposal: 1.7016 to BLCDT 20041029AIL

Result key: 12 Scenario 4 Affected station 5

Before Analysis

Results for: 33A CT HARTFORD BLCDT 20041029AIL LIC

HAAT 289.0 m, ATV ERP 1000.0 kW

within Noise Limited Contour 4594265 27295.2 not affected by terrain losses 4213689 24657.8 not affected by terrain losses 4213689 24657.8 lost to NTSC IX 678131 lost to additional IX by ATV 3586.3 678131 3586.3 678131 3586.3 lost to ATV IX only lost to all IX

Potential Interfering Stations Included in above Scenario

32A MA BOSTON BPCDT 20080620ACX CP BLCDT 20031014AEP LIC BLEDT 20040108ALV LIC 33A NH CONCORD 34A NY SCHENECTADY 33A NY NEW YORK DTVPLN DTVP1219 PLN

After Analysis

Results for: 33A CT HARTFORD BLCDT 20041029AIL LIC

HAAT 289.0 m, ATV ERP 1000.0 kW

```
within Noise Limited Contour 4594265 27295.2
   not affected by terrain losses 4213689
                                                          24657.8
   lost to NTSC IX 0 0.0
lost to additional IX by ATV 740211 4273.8
lost to ATV IX only 740211 4273.8
lost to all IX 740211 4273.8
 Potential Interfering Stations Included in above Scenario 4
                                             20080620ACX CP
32A MA BOSTON
                                 RPCDT
                               BLCDT 20031014AEP LIC
BLEDT 20040108ALV LIC
33A NH CONCORD
34A NY SCHENECTADY
33A NY NEW YORK
                                USERRECORD01
 The following station failed the de minimis interference criteria.
 33D NY NEW YORK
ERP 313.00 kW HAAT
                            USERRECORD01
                            519.0 m RCAMSL 530.0 m
 Antenna
           none
 Due to interference to the following station and scenario: 4
 33D CT HARTFORD BLCDT 20041029AIL ERP 1000.00 kW HAAT 289.0 m RCAMSL 375.0 m
 Antenna CDB 0000000044846
 Percent new interference from proposal: 1.7559 to BLCDT 20041029AIL
Worst case new IX 1.7559% Scenario
Analysis of Interference to Affected Station 6
Analysis of current record
Channel Call City/State
33 WHUT-TV WASHINGTON DC
                               City/State Application Ref. No.
                                                        BPEDT -20120627AAD
     Stations Potentially Affecting This Station
                   City/State
Chan Call
                                           Dist(km) Status Application Ref. No.
                                            214.1 LIC BLCDT -20051018ACE
199.3 LIC BLCDT -20021025AAS
 32 WTAJ-TV ALTOONA PA
 32 WPSG PHILADELPHIA PA
32 WPSG PHILADELPHIA PA
 32 WPSG PHILADELPHIA PA
32 WVIR-TV CHARLOTTESVILLE VA
                                           199.3 CP BPCDT -20111024ACS
162.5 LIC BLCDT -20040908AAE
419.6 LIC BLCDT -20020430ABD
                                           162.5 LIC BLCDT -20040908AAE
419.6 LIC BLCDT -20020430ABD
326.8 PLN DTVPLN -DTVP1219
243.4 LIC BLCDT -20090602ABA
245.1 LIC BLEDT -20100505AGH
245.1 CP MOD BMPEDT -20120209ABV
226.8 LIC BLCDT -20051123AKN
226.8 CP BPCDT -20080619ADU
199.3 LIC BLCDT -20090914AAX
0.0 LIC BLCDT -20090612AIZ
326.9 APP USERRECORD-01
 33
     WMYV GREENSBORO NC
       WCBS-TV NEW YORK NY
 33
      WTVZ-TV NORFOLK VA
 33
     WNPB-TV MORGANTOWN WV
WNPB-TV MORGANTOWN WV
 33
 33
     WJAC-TV JOHNSTOWN PA
      WJAC-TV JOHNSTOWN PA
 34
     WCAU PHILADELPHIA PA
 34
 34 WCAU TITLLE VA WPXW-TV MANASSAS VA
      WCBS-DT NEW YORK NY
 Total scenarios = 2
Result key: 13
Scenario 1 Affected station 6
Before Analysis
Results for: 33A DC WASHINGTON
                                              BPEDT 20120627AAD CP
   HAAT 254.0 m, ATV ERP 1000.0 kW
   within Noise Limited Contour 7360131 26442.2
   not affected by terrain losses
                                          7313335
                                                          25541.8
   lost to NTSC IX 0 0.00
lost to additional IX by ATV 17855 336.1
lost to ATV IX only 17855 336.1
lost to all IX 17855 336.1
```

Potential Interfering Stations Included in above Scenario

BLCDT

BLEDT

20090602ABA LIC

20100505AGH LIC

DTVPLN DTVP1219 PLN

33A VA NORFOLK

33A NY NEW YORK

33A WV MORGANTOWN

32

32 WVIR-TV CHARLOTTESVILLE VA

```
BPEDT 20120627AAD CP
Results for: 33A DC WASHINGTON
  HAAT 254.0 m, ATV ERP 1000.0 kW
   POPULATION AREA (sq km) within Noise Limited Contour 7360131 26442.2
   not affected by terrain losses 7313335
                                                 25541.8
                                0 0.0
17855 336.1
17855 336.1
17855 336.1
   lost to NTSC IX
   lost to additional IX by ATV
   lost to ATV IX only
   lost to all IX
                                      17855
                                                   336.1
 Potential Interfering Stations Included in above Scenario 1
                           BLCDT 20090602ABA LIC
BLEDT 20100505AGH LIC
33A VA NORFOLK
33A WV MORGANTOWN
33A NY NEW YORK
                           USERRECORD01
                                                  APP
Percent new IX = 0.0000%
Result key: 14
Scenario 2 Affected station 6
Before Analysis
  HAAT 254.0 m, ATV ERP 1000.0 kW
Results for: 33A DC WASHINGTON
   POPULATION AREA (sq km) within Noise Limited Contour 7360131 26442.2
   not affected by terrain losses 7313335
                                                 25541.8
  lost to NTSC IX 0 0.0
lost to additional IX by ATV 18617 360.1
lost to ATV IX only 18617 360.1
lost to all IX 18617 360.1
  lost to all IX
Potential Interfering Stations Included in above Scenario 2
33A VA NORFOLK
                            BLCDT
                                      20090602ABA LIC
33A WV MORGANTOWN
                           BMPEDT
                                      20120209ABV CP
33A NY NEW YORK
                           DTVPLN DTVP1219
                                                  PLN
After Analysis
                                       BPEDT 20120627AAD CP
Results for: 33A DC WASHINGTON
  HAAT 254.0 m, ATV ERP 1000.0 kW
   \begin{array}{ccc} & & & \text{POPULATION} & \text{AREA (sq km)} \\ \text{within Noise Limited Contour} & & 7360131 & 26442.2 \end{array}
                                             26442.2
25541.8
   not affected by terrain losses
                                  7313335
                                    0 18617
  lost to additional IX by ATV
                                                    0.0
                                                   360.1
                                     18617
   lost to ATV IX only
                                                 360.1
360.1
   lost to all IX
                                     18617
 Potential Interfering Stations Included in above Scenario
33A VA NORFOLK
                           BLCDT
                                     20090602ABA LIC
                                    20090002AAA. .
20120209ABV CP
33A WV MORGANTOWN
                            BMPEDT
33A NY NEW YORK
                           USERRECORD01
                                                  APP
Percent new IX = 0.0000%
Worst case new IX 0.0000% Scenario 1
Analysis of Interference to Affected Station 7
Analysis of current record
Channel Call City/State
                                            Application Ref. No.
  33
           WHUT-TV
                    WASHINGTON DC
                                             BLEDT -20071018AIJ
    Stations Potentially Affecting This Station
 Chan Call City/State
32 WTAJ-TV ALTOONA PA
Chan
                                      Dist(km) Status Application Ref. No.
                                      214.1 LIC BLCDT -20051018ACE
199.3 LIC BLCDT -20021025AAS
    WPSG PHILADELPHIA PA
WPSG PHILADELPHIA PA
                                        199.3 LIC
199.3 CP
 32
```

199.3 CP BPCDT -20111024ACS 162.5 LIC BLCDT -20040908AAE

33 WMYV GREENSBORO NC 33 WCBS-TV NEW YORK NY 33 WTVZ-TV NORFOLK VA 33 WNPB-TV MORGANTOWN WV 34 WJAC-TV JOHNSTOWN PA 34 WJAC-TV JOHNSTOWN PA 34 WCAU PHILADELPHIA PA 34 WPXW-TV MANASSAS VA 33 WCBS-DT NEW YORK NY	419 326 243 245 245 226 226 4 199 0	.6 LIC .8 PLN .4 LIC .1 LIC .1 CP MOD .8 LIC .8 CP .3 LIC .0 LIC .9 APP	BLCDT DTVPLN BLCDT BLEDT BMPEDT BLCDT BPCDT BLCDT BLCDT USERRECORI	-20020430ABD -DTVP1219 -20090602ABA -20100505AGH -20120209ABV -20051123AKN -20080619ADU -20090914AAX -20090612AIZ
Total scenarios = 2				
Result key: 15 Scenario 1 Affected st Before Analysis	tation 7			
Results for: 33A DC WASHINGTON HAAT 254.0 m, ATV ERP 100	N BLE	DT 200	71018AIJ I	LIC
		AREA (s	q_km)	
within Noise Limited Conton not affected by terrain lost lost to NTSC IX lost to additional IX by ACL lost to ATV IX only lost to all IX	ur 6810141 sses 6789915	17910 17618	.5	
lost to NTSC IX	0	100	.0	
lost to additional IX by A:	10254	108	.0	
lost to all IX	10254	108	.0	
Potential Interfering Station	ns Included in	above Scen	ario 1	
33A VA NORFOLK BI 33A WV MORGANTOWN BI 33A NY NEW YORK D	LCDT 200906 LEDT 201005	02ABA LIC 05AGH LIC		
	IVPLN DTVP12	19 PLN		
After Analysis				
Results for: 33A DC WASHINGTON HAAT 254.0 m, ATV ERP 100	0.0 kW	/		LIC
within Noise Limited Conto	ur 6810141	17910	.5	
not affected by terrain los	sses 6789915	17618	. 4	
lost to MISC IX	rv 10254	108	.0	
within Noise Limited Conton not affected by terrain lost lost to NTSC IX lost to additional IX by Atlost to ATV IX only lost to all IX	10254	108	.0	
Potential Interfering Station				
	LCDT 200906 LEDT 201005 SERRECORD01	02ABA LIC 05AGH LIC APP		
Percent new IX = 0.0000%				
Regult key: 16				
Result key: 16 Scenario 2 Affected st Before Analysis	tation 7			
Results for: 33A DC WASHINGTON HAAT 254.0 m, ATV ERP 100	0.0 kW			LIC
within Noise Limited Conto	POPULATION ur 6810141	AREA (s 17910	q km) .5	
not affected by terrain for	sses 6/89915	1/018	. 4	
lost to NTSC IX lost to additional IX by A	Ü	0	. 0	
TOSC CO MIN IN OHLY	10231	100	.0	
lost to all IX	10254	108	.0	
Potential Interfering Station				
33A VA NORFOLK BI 33A WV MORGANTOWN BI 33A NY NEW YORK D	LCDT 200906 MPEDT 201202 FVPLN DTVP12	02ABA LIC 09ABV CP 19 PLN		
After Analysis				
Results for: 33A DC WASHINGTON HAAT 254.0 m, ATV ERP 100	N BLE 0.0 kW	DT 200	71018AIJ I	LIC
	POPULATION	AREA (s	q km)	
	. 3010111	1,210		

not affected by terrain losses	6789915	17618.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10254	108.0
lost to ATV IX only	10254	108.0
lost to all IX	10254	108.0

Potential Interfering Stations Included in above Scenario 2

BLCDT 20090602ABA LIC BMPEDT 20120209ABV CP 33A VA NORFOLK 33A WV MORGANTOWN 33A NY NEW YORK USERRECORD01 APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

Analysis of Interference to Affected Station 8

Analysis of current record

Channel Call Call City/State WPXG-TV CONCORD NH City/State Application Ref. No. BPCDT -20080619AJF 33

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
32	WBPX-TV	BOSTON MA	97.8	LIC	BLCDT	-20040723ACG
32	WBPX-TV	BOSTON MA	98.3	CP	BPCDT	-20080620ACX
32	WETK	BURLINGTON VT	191.2	LIC	BLEDT	-20061011ADW
32	WETK	BURLINGTON VT	191.2	APP	BPEDT	-20050118AKO
33	WFSB	HARTFORD CT	198.4	CP	BPCDT	-20110630AAH
33	WFSB	HARTFORD CT	198.4	LIC	BLCDT	-20041029AIL
33	WCBS-TV	NEW YORK NY	353.7	PLN	DTVPLN	-DTVP1219
34	WNEU	MERRIMACK NH	31.2	LIC	BLCDT	-20021028AAH
34	WMHT	SCHENECTADY NY	227.7	LIC	BLEDT	-20040108ALV
33	WCBS-DT	NEW YORK NY	353.6	APP	USERRECORI	D-01

Total scenarios = 4

Result key: 17
Scenario 1 Affected station 8

Before Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP

HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2948659	22103.9
not affected by terrain losses	2864008	20007.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	217300	1408.1
lost to ATV IX only	217300	1408.1
lost to all IX	217300	1408.1

Potential Interfering Stations Included in above Scenario 1

32A	MA	BOSTON	BLCDT	20040723ACG	LIC
33A	CT	HARTFORD	BPCDT	20110630AAH	CP
34A	NH	MERRIMACK	BLCDT	20021028AAH	LIC
33A	NY	NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 33A NH CONCORD HAAT 344.0 m, ATV ERP 190.0 kW BPCDT 20080619AJF CP

III 311.0 m, 111 v Ent 190.0	1277		
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2948659	22103.9	
not affected by terrain losses	2864008	20007.8	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	217300	1408.1	
lost to ATV IX only	217300	1408.1	
lost to all IX	217300	1408.1	

Potential Interfering Stations Included in above Scenario

32A MA BOSTON BLCDT 20040723ACG LIC 33A CT HARTFORD BPCDT 20110630AAH CP

34A NH MERRIMACK BLCDT 20021028AAH LIC 33A NY NEW YORK USERRECORD01 APP

Percent new IX = 0.0000%

Result key: 18 Scenario 2 Affected station

Before Analysis

HAAT 344.0 m, ATV ERP 190.0 kW Results for: 33A NH CONCORD

	POPULATION	AREA (sq km)
within Noise Limited Contour	2948659	22103.9
not affected by terrain losses	2864008	20007.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	211580	1263.3
lost to ATV IX only	211580	1263.3
lost to all IX	211580	1263.3

Potential Interfering Stations Included in above Scenario 2

32A	MA	BOSTON	BLCDT	20040723ACG	LIC
33A	CT	HARTFORD	BLCDT	20041029AIL	LIC
34A	NH	MERRIMACK	BLCDT	20021028AAH	LIC
33A	NY	NEW YORK	DTVPLN	DTVP1219	PLN

After Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP HAAT 344.0 m, ATV ERP 190.0 kW

III 311.0 m, 111 bit 150.0 1	271		
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2948659	22103.9	
not affected by terrain losses	2864008	20007.8	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	211580	1263.3	
lost to ATV IX only	211580	1263.3	
lost to all IX	211580	1263.3	

Potential Interfering Stations Included in above Scenario 2

32A	MA	BOSTON	BLCDT	20040723ACG	LIC
33A	CT	HARTFORD	BLCDT	20041029AIL	LIC
34A	NH	MERRIMACK	BLCDT	20021028AAH	LIC
33A	NY	NEW YORK	USERRECORI	001	APP

Percent new IX = 0.0000%

Result key: 19 Scenario 3 Affected station

Before Analysis

BPCDT 20080619AJF CP Results for: 33A NH CONCORD HAAT 344.0 m, ATV ERP 190.0 kW

·	POPULATION	AREA (sq km)
within Noise Limited Contour	2948659	22103.9
not affected by terrain losses	2864008	20007.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	508847	1955.3
lost to ATV IX only	508847	1955.3
lost to all IX	508847	1955.3

Potential Interfering Stations Included in above Scenario 3

32A MA	BOSTON	BPCDT	20080620ACX	CP
33A CT	HARTFORD	BPCDT	20110630AAH	CP
34A NH	MERRIMACK	BLCDT	20021028AAH	LIC
33A NY	NEW YORK	DTVPIN	DTVP1219	PLN

After Analysis

Results for: 33A NH CONCORD BPCDT 20080619AJF CP HAAT 344.0 m, ATV ERP 190.0 kW

11AA1 511.0 M, AIV ERI 150.0 1	711	
	POPULATION	AREA (sq km)
within Noise Limited Contour	2948659	22103.9
not affected by terrain losses	2864008	20007.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	508847	1955.3
lost to ATV IX only	508847	1955.3
lost to all IX	508847	1955.3
	508847	1955.3

```
Potential Interfering Stations Included in above Scenario
                                  BPCDT

        BPCDT
        20080620ACX
        CP

        BPCDT
        20110630AAH
        CP

        BLCDT
        20021028AAH
        LIC

32A MA BOSTON
33A CT HARTFORD
33A CT HARTFORD
34A NH MERRIMACK
33A NY NEW YORK
                                   USERRECORD01
                                                                APP
Percent new IX = 0.0000%
Result key: 20
Scenario 4 Affected station 8
Before Analysis
Results for: 33A NH CONCORD
HAAT 344.0 m, ATV ERP 190.0 kW
                                                  BPCDT 20080619AJF CP
   \begin{array}{ccc} & & \text{POPULATION} & \text{AREA (sq km)} \\ \text{within Noise Limited Contour} & 2948659 & 22103.9 \end{array}
                                                           22103.9
   not affected by terrain losses
                                              2864008
                                                               20007.8
    lost to NTSC IX
                                         0
503127
                                                             0.0
    lost to additional IX by ATV
    lost to ATV IX only
                                               503127
                                                            1810.5
    lost to all IX
                                               503127
                                                               1810.5
 Potential Interfering Stations Included in above Scenario 4
                                  BPCDT
                                                20080620ACX CP
32A MA BOSTON
                                 BLCDT 20041029AIL LIC
BLCDT 20021028AAH LIC
DTVPLN DTVP1219 PLN
33A CT HARTFORD
33A CT HARTFUND
34A NH MERRIMACK
33A NY NEW YORK
After Analysis
```

Results for: 33A NH CONCORD BPCDT 20080619AJF CP HAAT 344.0 m, ATV ERP 190.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2948659	22103.9
not affected by terrain losses	2864008	20007.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	503127	1810.5
lost to ATV IX only	503127	1810.5
lost to all IX	503127	1810.5

Potential Interfering Stations Included in above Scenario 4

 32A MA BOSTON
 BPCDT
 20080620ACX
 CP

 33A CT HARTFORD
 BLCDT
 20041029AIL
 LIC

 34A NH MERRIMACK
 BLCDT
 20021028AAH
 LIC

 33A NY NEW YORK
 USERRECORD01
 APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

Analysis of Interference to Affected Station 9

Analysis of current record

Channel Call City/State Application Ref. No. 33 WPXG-TV CONCORD NH BLCDT -20031014AEP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
32	WBPX-TV	BOSTON MA	97.8	LIC	BLCDT	-20040723ACG
32	WBPX-TV	BOSTON MA	98.3	CP	BPCDT	-20080620ACX
32	WETK	BURLINGTON VT	191.2	LIC	BLEDT	-20061011ADW
32	WETK	BURLINGTON VT	191.2	APP	BPEDT	-20050118AKO
33	WFSB	HARTFORD CT	198.4	CP	BPCDT	-20110630AAH
33	WFSB	HARTFORD CT	198.4	LIC	BLCDT	-20041029AIL
33	WCBS-TV	NEW YORK NY	353.7	PLN	DTVPLN	-DTVP1219
34	WNEU	MERRIMACK NH	31.2	LIC	BLCDT	-20021028AAH
34	WMHT	SCHENECTADY NY	227.7	LIC	BLEDT	-20040108ALV
33	WCBS-DT	NEW YORK NY	353.6	APP	USERRECOR	D-01

 ${\tt Total\ scenarios\ =\ \ 4}$

Result key: 21 Scenario 1 Affected station

Before Analysis

HAAT 344.0 m, ATV ERP 100.0 kW Results for: 33A NH CONCORD

within Noise Limited Contour 2485051 19886.0 17842.2 not affected by terrain losses 2412661 lost to NTSC IX 0
lost to additional IX by ATV 92598
lost to ATV IX only U 92598 92598 92598 0.0 1267.3 lost to ATV IX only 1267.3 92598 lost to all IX 1267.3

Potential Interfering Stations Included in above Scenario

32A MA BOSTON BLCDT 20040723ACG LIC BPCDT 33A CT HARTFORD BLCDT 34A NH MERRIMACK 33A NY NEW YORK

After Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC

HAAT 344.0 m, ATV ERP 100.0 kW

within Noise Limited Contour 2485051 AREA (sq km) not affected by toward 2 not affected by terrain losses 0 0.0 92733 1271.3 92733 1271.3 92733 1271.3 lost to NTSC IX lost to additional IX by ATV lost to ATV IX only lost to all IX

Potential Interfering Stations Included in above Scenario

32A MA BOSTON BLCDT 20040723ACG LIC 33A CT HARTFORD 20110630AAH CP 20021028AAH LIC 34A NH MERRIMACK BLCDT USERRECORD01 33A NY NEW YORK APP

Percent new IX = 0.0058%

Result key: 22 Scenario 2 Affected station

Before Analysis

BLCDT 20031014AEP LIC Results for: 33A NH CONCORD

HAAT 344.0 m, ATV ERP 100.0 kW

within Noise Limited Contour 2485051 19886.0 Contour 240001 Ain losses 2412661 17842.2 0 0.0 K by ATV 85341 1142.5 not affected by terrain losses lost to NTSC IX lost to additional IX by ATV 85341 lost to ATV IX only lost to all IX 1142.5 85341 1142.5

Potential Interfering Stations Included in above Scenario

BLCDT 32A MA BOSTON 20040723ACG LIC BLCDT 20041029AIL LIC BLCDT 20021028AAH LIC 33A CT HARTFORD 34A NH MERRIMACK 33A NY NEW YORK DTVPLN DTVP1219 PLN

After Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC

HAAT 344.0 m, ATV ERP 100.0 kW

within Noise Limited Contour 2485051 10000 (sq km) not affected by terrain losses 2412661 17842.2 lost to NTSC IX 0 0.0 85476 1146.6 85476 1146.6 85476 1146.6 Ω 0.0 lost to additional IX by ATV lost to ATV IX only lost to all IX

Potential Interfering Stations Included in above Scenario

32A MA BOSTON BLCDT 20040723ACG LIC 33A CT HARTFORD BLCDT 20041029AIL LIC 34A NH MERRIMACK BLCDT 20021028AAH LIC 33A NY NEW YORK USERRECORD01 APP

Percent new IX = 0.0058%

Result key: 23 Scenario 3 Affected station

Before Analysis

BLCDT 20031014AEP LIC Results for: 33A NH CONCORD

HAAT 344.0 m, ATV ERP 100.0 kW

within Noise Limited Contour 2485051 19886.0 not affected by terrain losses 2412661 0 0.0 272250 1585.1 272250 1585.1 272250 1505.1 lost to NTSC IX lost to additional IX by ATV lost to ATV IX only lost to all IX

Potential Interfering Stations Included in above Scenario 3

BPCDT 20080620ACX CP 33A CT HARTFORD 34A NH MERRIMACK BPCDT 20110630AAH CP BLCDT 20021028AAH LIC DTVPLN DTVP1219 PLN 33A NY NEW YORK

After Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC

HAAT 344.0 m, ATV ERP 100.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 2485051 19886.0 not affected by terrain losses 2412661 17842.2 0.0 1589.1 lost to NTSC IX 272385 lost to additional IX by ATV lost to ATV IX only 272385 1589.1 272385 1589.1 lost to all IX

Potential Interfering Stations Included in above Scenario 3

BPCDT 20080620ACX CP BPCDT 20110630AAH CP BLCDT 20021028AAH LIC 32A MA BOSTON 33A CT HARTFORD 34A NH MERRIMACK 33A NY NEW YORK USERRECORD01 APP

Percent new IX = 0.0063%

Result key: 24
Scenario 4 Affected station 9

Before Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC

HAAT 344.0 m, ATV ERP 100.0 kW

within Noise Limited Contour 2485051 100000 not affected by toward 1 not affected by terrain losses 2412661 lost to additional IX by ATV 264993 1460.4 lost to all IX 264993 1460.4

Potential Interfering Stations Included in above Scenario 4

BPCDT 32A MA BOSTON 20080620ACX CP 33A CT HARTFORD BLCDT 20041029AIL LIC 20021028AAH LIC 34A NH MERRIMACK BLCDT DTVPLN DTVP1219 PLN 33A NY NEW YORK

After Analysis

Results for: 33A NH CONCORD BLCDT 20031014AEP LIC

HAAT 344.0 m, ATV ERP 100.0 kW

POPULATION AREA (sq km) r 2485051 19886.0 ses 2412661 17842.2 within Noise Limited Contour not affected by terrain losses 0 0.0 265128 1464.4 265128 1464.4 lost to NTSC IX lost to additional IX by ATV lost to ATV IX only lost to all IX 265128 1464.4

Potential Interfering Stations Included in above Scenario

 32A MA BOSTON
 BPCDT
 20080620ACX
 CP

 33A CT HARTFORD
 BLCDT
 20041029AIL
 LIC

 34A NH MERRIMACK
 BLCDT
 20021028AAH
 LIC
 USERRECORD01 33A NY NEW YORK

Percent new IX = 0.0063%

Worst case new IX 0.0063% Scenario

Analysis of Interference to Affected Station 10

Analysis of current record

Channel Call City/State
34 WIVT BINGHAMTON NY Application Ref. No. BLCDT -20090819AGR

Stations Potentially Affecting This Station

Chan Call		City/State	Dist(km)	Status	Application Ref. No.		
33	WGRZ	BUFFALO NY	227.1	LIC	BLCDT	-20050705AAG	
33	WCBS-TV	NEW YORK NY	219.9	PLN	DTVPLN	-DTVP1219	
34	WNEU	MERRIMACK NH	371.1	LIC	BLCDT	-20021028AAH	
34	WMHT	SCHENECTADY NY	170.7	LIC	BLEDT	-20040108ALV	
34	WJAC-TV	JOHNSTOWN PA	315.9	LIC	BLCDT	-20051123AKN	
34	WJAC-TV	JOHNSTOWN PA	315.9	CP	BPCDT	-20080619ADU	
34	WCAU	PHILADELPHIA PA	232.1	LIC	BLCDT	-20090914AAX	
34	WPXW-TV	MANASSAS VA	358.8	LIC	BLCDT	-20090612AIZ	
33 WCBS-DT NEW YORK NY			219.9	APP	USERRECORI	D-01	
Prop	Proposal causes no interference						

Analysis of Interference to Affected Station 11

Analysis of current record Channel Call City/State 24 WMHT SCHENECTADY NY Application Ref. No. BLEDT -20040108ALV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No	
33	WFSB	HARTFORD CT	137.0	CP	BPCDT	-20110630AAH
33	WFSB	HARTFORD CT	137.0	LIC	BLCDT	-20041029AIL
33	WPXG-TV	CONCORD NH	227.7	CP	BPCDT	-20080619AJF
33	WPXG-TV	CONCORD NH	227.7	LIC	BLCDT	-20031014AEP
33	WCBS-TV	NEW YORK NY	212.7	PLN	DTVPLN	-DTVP1219
34	WNEU	MERRIMACK NH	201.5	LIC	BLCDT	-20021028AAH
34	WIVT	BINGHAMTON NY	170.7	LIC	BLCDT	-20090819AGR
34	WCAU	PHILADELPHIA PA	304.8	LIC	BLCDT	-20090914AAX
35	WVIT	NEW BRITAIN CT	141.4	LIC	BLCDT	-20041203AEF
35	WBIN-TV	DERRY NH	214.2	LIC	BLCDT	-20070126ACX
33	WCBS-DT	NEW YORK NY	212.6	APP	USERRECOR	D-01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 12

Analysis of current record

Channel Call City/State
34 WCAU PHILADELPHIA PA Application Ref. No. BLCDT -20090914AAX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
33	WHUT-TV	WASHINGTON DC	199.3	CP	BPEDT	-20120627AAD
33	WHUT-TV	WASHINGTON DC	199.3	LIC	BLEDT	-20071018AIJ
33	WCBS-TV	NEW YORK NY	127.6	PLN	DTVPLN	-DTVP1219
34	TVIW	BINGHAMTON NY	232.1	LIC	BLCDT	-20090819AGR
34	WMHT	SCHENECTADY NY	304.8	LIC	BLEDT	-20040108ALV

34 WJAC-TV JOHNSTOWN PA 34 WJAC-TV JOHNSTOWN PA		320.1 L 320.1 C	IC BLO P BPO	DT DT	-20051123AKN -20080619ADU
34 MDAM-LLI WYNYGGYG 11Y		199.3 L	IC BLO	DT	-20090612AIZ
35 WDCA WASHINGTON DO 35 WDCA WASHINGTON DO 35 WYBE PHILADELPHIA	C C	199.1 L 199.1 C	IC BLO P BPO	DT! DT	-20090612AIZ -20070411AAH -20080620ANP
35 WYBE PHILADELPHIA	PA	0.0 L	IC BLE	DT	-20091222ARE -01
33 WCBS-DT NEW YORK NY		127.6 A	PP USE	RRECORD	-01
Total scenarios = 2					
Result key: 25 Scenario 1 Affected	station	12			
Before Analysis	Seacron	12			
Results for: 34A PA PHILADE:	LPHTA	BLCDT	2009091	4AAX L	IC
HAAT 400.0 m, ATV ERP	700.0 kW				
within Noise Limited Con	tour 1037	ATION AR 74042	33622.8	1)	
not affected by terrain	losses 1023	37510	32554.0		
lost to NTSC IX lost to additional IX by lost to ATV IX only	ATV 48	35173	1774.5		
lost to ATV IX only lost to all IX	48	35173 35173	1774.5		
Potential Interfering Stat				1	
34A NY BINGHAMTON	BLCDT 2 BLCDT 2 BLCDT 2 BLCDT 2 DTVPLN 1	20090819AGR	LIC		
34A NY SCHENECTADY 34A PA JOHNSTOWN	BLCDT 2	20040108ALV 20051123AKN	LIC		
34A VA MANASSAS 33A NY NEW YORK	BLCDT 2	20090612AIZ	LIC		
	DIVELIN I)1 VF1219	FLIN		
After Analysis					
Results for: 34A PA PHILADE: HAAT 400.0 m, ATV ERP		BLCDT	2009091	.4AAX L	IC
	POPUI	LATION AR	EA (sq km	n)	
within Noise Limited Connot affected by terrain	tour 1037 losses 1023	74042 37510	33622.8 32554.0		
not affected by terrain lost to NTSC IX lost to additional IX by		0	0.0		
lost to additional IX by lost to ATV IX only	ATV 51	.8671 .8671	1839.0 1839.0		
lost to all IX	51	.8671	1839.0		
Potential Interfering Stat	ions Include	ed in above	Scenario	1	
34A NY BINGHAMTON	BLCDT 2 BLEDT 2	20090819AGR	LIC		
34A NY SCHENECTADY 34A PA JOHNSTOWN		20040108ALV 20051123AKN			
		20091123AKN 20090612AIZ			
33A NY NEW YORK	USERRECORD()1	APP		
Percent new IX = 0.3435%					
Result key: 26					
Scenario 2 Affected Before Analysis	station	12			
-					
Results for: 34A PA PHILADE: HAAT 400.0 m, ATV ERP		BLCDT	2009091	.4AAX L	IC
within Noise Limited Con	POPUI	LATION AR	EA (sq kn 33622.8	1)	
not affected by terrain					
lost to NTSC IX lost to additional IX by		0	0.0 1778.5		
lost to ATV IX only		37161	1778.5		
lost to all IX		37161			
Potential Interfering Stat	ions Include	ed in above	Scenario	2	
		20090819AGR			
34A NY SCHENECTADY 34A PA JOHNSTOWN	BLEDT 2 BPCDT 2	20040108ALV 20080619ADU	LIC CP		
34A VA MANASSAS		20090612AIZ	LIC		
33A NY NEW YORK	DTVPLN I	TVP1219	PLN		
After Analysis					

Results for: 34A PA PHILADELPHIA

BLCDT 20090914AAX LIC

HAAT 400.0 m, ATV ERP 700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	10374042	33622.8
not affected by terrain losses	10237510	32554.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	520659	1843.1
lost to ATV IX only	520659	1843.1
lost to all IX	520659	1843.1

Potential Interfering Stations Included in above Scenario 2

34A	NY	BINGHAMTON	BLCDT	20090819AGR	LIC
34A	NY	SCHENECTADY	BLEDT	20040108ALV	LIC
34A	PΑ	JOHNSTOWN	BPCDT	20080619ADU	CP
34A	VA	MANASSAS	BLCDT	20090612AIZ	LIC
33A	NY	NEW YORK	USERRECORD01		APP

Percent new IX = 0.3436%

Worst case new IX 0.3436% Scenario 2

Analysis of Interference to Affected Station 13

Analysis of current record

Analysis of Call
Channel Call
City/State
WCRS-DT NEW YORK NY City/State Application Ref. No. USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicati	on Ref. No.
32	WPSG	PHILADELPHIA PA	127.6	LIC	BLCDT	-20021025AAS
32	WPSG	PHILADELPHIA PA	127.6	CP	BPCDT	-20111024ACS
32	WQPX-TV	SCRANTON PA	164.4	LIC	BLCDT	-20060629AFR
33	WFSB	HARTFORD CT	155.3	CP	BPCDT	-20110630AAH
33	WFSB	HARTFORD CT	155.3	LIC	BLCDT	-20041029AIL
33	WHUT-TV	WASHINGTON DC	326.9	CP	BPEDT	-20120627AAD
33	WHUT-TV	WASHINGTON DC	326.9	LIC	BLEDT	-20071018AIJ
33	WPXG-TV	CONCORD NH	353.6	CP	BPCDT	-20080619AJF
33	WPXG-TV	CONCORD NH	353.6	LIC	BLCDT	-20031014AEP
34	TVIW	BINGHAMTON NY	219.9	LIC	BLCDT	-20090819AGR
34	WMHT	SCHENECTADY NY	212.6	LIC	BLEDT	-20040108ALV
34	WCAU	PHILADELPHIA PA	127.6	LIC	BLCDT	-20090914AAX

Total scenarios = 16

Result key: 27 Scenario 1 Affected station 13

Before Analysis

USERRECORD01 Results for: 33A NY NEW YORK APP HAAT 519.0 m, ATV ERP 313.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 20808946 35213.0 35213.0 33029.1 not affected by terrain losses 20331299 lost to NTSC IX 0.0 4228.0 lost to additional IX by ATV 916016 lost to ATV IX only 916016 4228.0 lost to all IX 916016 4228.0

Potential Interfering Stations Included in above Scenario 1

32A	PA	PHILADELPHIA	BLCDT	20021025AAS	LIC
33A	CT	HARTFORD	BPCDT	20110630AAH	CP
33A	DC	WASHINGTON	BPEDT	20120627AAD	CP
33A	NH	CONCORD	BPCDT	20080619AJF	CP
34A	PA	PHILADELPHIA	BLCDT	20090914AAX	LIC

Result key: 28
Scenario 2 Affected station 13

Before Analysis

Results for: 33A NY NEW YORK USERRECORD01 APP

HAAT 519.0 m, ATV ERP 313.0 kW

within Noise Limited Contour POPULATION AREA (sq km) 35213.0

```
2299 33029.1
0 0.0
916016 4228.0
916016 4228.0
916016 401
   not affected by terrain losses 20331299
   lost to NTSC IX
   lost to additional IX by ATV
   lost to ATV IX only
   lost to all IX
 Potential Interfering Stations Included in above Scenario
                               BLCDT
BPCDT
32A PA PHILL...
33A CT HARTFORD
32A PA PHILADELPHIA
                                              20021025AAS LIC
                                BLCDT 20021025AAS LIC
BPCDT 20110630AAH CP
BPEDT 20120627AAD CP
BLCDT 20031014AEP LIC
BLCDT 20090914AAX LIC
33A NH CONCORD
34A PA PHILADELPHIA
                  29
Result key: 29
Scenario 3 Affected station 13
Before Analysis
Results for: 33A NY NEW YORK
                                               USERRECORD01
                                                                           ΔPD
   within Noise Limited Contour 20808946 AREA (sq km) not affected by tarrely 2
                                      0 0.0
7 915080 4208.0
915080 4208.0
915080 4208.0
   lost to NTSC IX
   lost to additional IX by ATV
   lost to ATV IX only
   lost to all IX
 Potential Interfering Stations Included in above Scenario
                           BLCDT 20021025AAS LIC
BPCDT 20110630AAH CP
BLEDT 20071018AIJ LIC
BPCDT 20080619AJF CP
BLCDT 20090914AAX LIC
32A PA PHILADELPHIA
33A CT HARTFORD
33A DC WASHINGTON
33A NH CONCORD
34A PA PHILADELPHIA
Result key: 30
Scenario 4 Affected station
                                               13
Before Analysis
Results for: 33A NY NEW YORK
                                               USERRECORD01
                                                                             APP
   HAAT 519.0 m, ATV ERP 313.0 kW
   within Noise Limited Contour 20808946 35213.0
   not affected by terrain losses 20331299
                                                           33029.1
                                      0 0.0
7 915080 4208.0
915080 4208.0
915080 4208.0
   lost to NTSC IX
   lost to additional IX by ATV
   lost to ATV IX only
   lost to all IX
 Potential Interfering Stations Included in above Scenario 4
                          BLCDT
BPCDT
                                            20021025AAS LIC
32A PA PHILADELPHIA

      33A CT HARTFORD
      BPCDT
      20021023AAB
      CP

      33A DC WASHINGTON
      BLEDT
      20071018AIJ
      LIC

      33A NH CONCORD
      BLCDT
      20031014AEP
      LIC

      34A PA PHILADELPHIA
      BLCDT
      20090914AAX
      LIC

33A CT HARTFORD
Result key: 31
Scenario 5 Affected station 13
Before Analysis
Results for: 33A NY NEW YORK
                                               USERRECORD01
                                                                             APP
   HAAT 519.0 m, ATV ERP 313.0 kW
   within Noise Limited Contour 20808946 35213.0
   not affected by terrain losses 20331299
                                                           33029.1
                                0 0.0
by ATV 881326 3876.6
881326 3876.6
881326 3876.6
   lost to NTSC IX
    lost to additional IX by ATV
   lost to ATV IX only
lost to all IX
 Potential Interfering Stations Included in above Scenario
                               BLCDT
32A PA PHILADELPHIA
                                              20021025AAS LIC
33A CT HARTFORD
                                BLCDT
BPEDT
                                              20041029AIL LIC
33A DC WASHINGTON
                                            20120627AAD CP
33A NH CONCORD BPCDT
34A PA PHILADELPHIA BLCDT
                                            20080619AJF CP
20090914AAX LIC
```

Result key: 32 Scenario 6 Affected station 13

Before Analysis

HAAT 519.0 m, ATV ERP 313.0 kW Results for: 33A NY NEW YORK

	POPULATION	AREA (sq km)
within Noise Limited Contour	20808946	35213.0
not affected by terrain losses	20331299	33029.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	881326	3876.6
lost to ATV IX only	881326	3876.6
lost to all IX	881326	3876.6

Potential Interfering Stations Included in above Scenario 6

32A PA PHILADELPHIA	BLCDT	20021025AAS	LIC
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A DC WASHINGTON	BPEDT	20120627AAD	CP
33A NH CONCORD	BLCDT	20031014AEP	LIC
34A PA PHILADELPHIA	BLCDT	20090914AAX	LIC

Result key: 33
Scenario 7 Affected station 13

Before Analysis

HAAT 519.0 m, ATV ERP 313.0 kW Results for: 33A NY NEW YORK

	POPULATION	AREA (sq km)
within Noise Limited Contour	20808946	35213.0
not affected by terrain loss	ses 20331299	33029.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	880390	3856.7
lost to ATV IX only	880390	3856.7
lost to all IX	880390	3856 7

Potential Interfering Stations Included in above Scenario 7

32A PA	PHILADELPHIA	BLCDT	20021025AAS	LIC
33A CT	HARTFORD	BLCDT	20041029AIL	LIC
33A DC	WASHINGTON	BLEDT	20071018AIJ	LIC
33A NH	CONCORD	BPCDT	20080619AJF	CP
34A PA	PHILADELPHIA	BLCDT	20090914AAX	LIC

Result key: 34
Scenario 8 Affected station 13

Before Analysis

Results for: 33A NY NEW YORK USERRECORD01 APP HAAT 519.0 m, ATV ERP 313.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20808946	35213.0
not affected by terrain losses	20331299	33029.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	880390	3856.7
lost to ATV IX only	880390	3856.7
lost to all IX	880390	3856.7

Potential Interfering Stations Included in above Scenario 8

32A PA PHILADELPHIA	BLCDT	20021025AAS	LIC
33A CT HARTFORD	BLCDT	20041029AIL	LIC
33A DC WASHINGTON	BLEDT	20071018AIJ	LIC
33A NH CONCORD	BLCDT	20031014AEP	LIC
34A PA PHILADELPHIA	BLCDT	20090914AAX	LIC

Result key: 35 Scenario 9 Affected station 13

Before Analysis

Results for: 33A NY NEW YORK USERRECORD01 APP HAAT 519.0 m, ATV ERP 313.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 20808946 35213.0 35213.0 33029.1 not affected by terrain losses 20331299 lost to NTSC IX 0 0.00
lost to additional IX by ATV 916016 4228.0
lost to ATV IX only 916016 4228.0
lost to all IX 916016 4228.0

```
Potential Interfering Stations Included in above Scenario
                              BPCDT
32A PA PHILADELPHIA
                                            20111024ACS CP
                           BPCDT 20111024ACS CP
BPCDT 20110630AAH CP
BPEDT 20120627AAD CP
33A CT HARTFORD
33A DC WASHINGTON
                               BPCDT 20080619AJF CP
BLCDT 20090914AAX LIC
33A NH CONCORD
34A PA PHILADELPHIA
Result key: 36
Scenario 10 Affected station 13
Before Analysis
Results for: 33A NY NEW YORK
                                             USERRECORD01
                                                                        APP
   HAAT 519.0 m, ATV ERP 313.0 kW
   within Noise Limited Contour 20808946 35213.0
   not affected by terrain losses 20331299
                                                         33029.1
   lost to NTSC IX
                           0 O
                                                         0.0
                                           916016
   lost to additional IX by ATV
                                                         4228 0
   lost to ATV IX only
                                           916016
                                                         4228.0
                                           916016
   lost to all IX
 Potential Interfering Stations Included in above Scenario
                                                                      10

        32A PA PHILADELPHIA
        BPCDT
        20111024ACS
        CP

        33A CT HARTFORD
        BPCDT
        20110630AAH
        CP

        33A DC WASHINGTON
        BPEDT
        20120627AAD
        CP

        33A NH CONCORD
        BLCDT
        20031014AEP
        LIC

        34A PA PHILADELPHIA
        BLCDT
        20090914AAX
        LIC

Result key: 37
Scenario 11 Affected station 13
Before Analysis
Results for: 33A NY NEW YORK
                                             USERRECORD01
                                                                        APP
   HAAT 519.0 m, ATV ERP 313.0 kW
                                     POPULATION AREA (sq km)
                                                     35213.0
                                        20808946
   within Noise Limited Contour
   not affected by terrain losses 20331299
                                                         33029.1
                                     0
                                                       0.0
4208.0
   lost to NTSC IX
                                           915080
915080
   lost to additional IX by ATV
                                                         4208.0
   lost to ATV IX only
                                                         4208.0
                                           915080
                                                         4208.0
   lost to all IX
 Potential Interfering Stations Included in above Scenario
                              BPCDT
                                            20111024ACS CP
32A PA PHILADELPHIA
                              BPCDT 20111024ACS CP
BLEDT 20110630AAH CP
BLEDT 20071018AIJ LIC
BPCDT 20080619AJF CP
BLCDT 20090914AAX LIC
33A CT HARTFORD
33A DC WASHINGTON
33A NH CONCORD
34A PA PHILADELPHIA
Result key: 38
Scenario 12 Affected station
                                              13
Before Analysis
Results for: 33A NY NEW YORK
                                            USERRECORD01
                                                                        APP
   HAAT 519.0 m, ATV ERP 313.0 kW
   within Noise Limited Contour 20808946 35213.0 not affected by terrain losses 20331299 33029.1
   not affected by terrain losses 20331299
                                                       0.0
4208.0
   lost to NTSC IX
                                              0
                                           915080
   lost to additional IX by ATV
   lost to ATV IX only
                                           915080
                                                         4208.0
   lost to all IX
                                           915080
 Potential Interfering Stations Included in above Scenario
                                                                       12
32A PA PHILADELPHIA
                              BPCDT
                                            20111024ACS CP
                               BPCDT
BLEDT
33A CT HARTFORD
                                            20110630AAH CP
33A DC WASHINGTON
                                            20071018AIJ LIC
                              BLCDT 20031014AEP LIC
BLCDT 20090914AAX LIC
33A NH CONCORD
34A PA PHILADELPHIA
Result key: 39
Scenario 13 Affected station
Before Analysis
Results for: 33A NY NEW YORK
                                               USERRECORD01 APP
   HAAT 519.0 m, ATV ERP 313.0 kW
```

```
within Noise Limited Contour 20808946 35213.0
   not affected by terrain losses 20331299
                               osses 20331299 33029.1
0 0.0
ATV 881326 3876.6
881326 3876.6
881326 3876.6
                                                     33029.1
   lost to NTSC IX
   lost to additional IX by ATV
   lost to ATV IX only
   lost to all IX
 Potential Interfering Stations Included in above Scenario
                            BPCDT
BLCDT
32A PA PHILADELPHIA
                                         20111024ACS CP
33A CT HARTFORD
                                        20041029AIL LIC
                            BPEDT
                                       20120627AAD CP
33A DC WASHINGTON
                            BPCDT 20080619AJF CP
BLCDT 20090914AAX LIC
33A NH CONCORD
34A PA PHILADELPHIA
Result key: 40
Scenario 14 Affected station 13
Before Analysis
Results for: 33A NY NEW YORK
                                          USERRECORD01
                                                                     APP
   HAAT 519.0 m, ATV ERP 313.0 kW
   within Noise Limited Contour 20808946 35213.0
   not affected by terrain losses 20331299
                                                     33029.1
   lost to ATV IX only
lost to all IX

881326

8876.6

881326

8876.6
 Potential Interfering Stations Included in above Scenario 14
                              BPCDT
32A PA PHILADELPHIA
                                         20111024ACS CP
                        BLCDT 20111024ACS CP
BLCDT 20041029AIL LIC
BPEDT 20120627AAD CP
BLCDT 20031014AEP LIC
BLCDT 20090914AAX LIC
33A CT HARTFORD
33A DC WASHINGTON
33A NH CONCORD
34A PA PHILADELPHIA
Result key: 41
Scenario 15 Affected station 13
Before Analysis
Results for: 33A NY NEW YORK
                                          USERRECORD01
                                                                     APP
   HAAT 519.0 m, ATV ERP 313.0 kW
   POPULATION AREA (sq km) within Noise Limited Contour 20808946 35213.0
   not affected by terrain losses 20331299
                                                     33029.1
                          0 0.0
by ATV 880390 3856.7
880390 3856.7
880390 3856.7
   lost to NTSC IX
   lost to additional IX by ATV
   lost to ATV IX only
   lost to all IX
 Potential Interfering Stations Included in above Scenario
32A PA PHILADELPHIA
                             BPCDT
                                         20111024ACS CP
                            BPCDT 20111024ACS CP
BLCDT 20041029AIL LIC
BLEDT 20071018AIJ LIC
BPCDT 20080619AJF CP
BLCDT 20090914AAX LIC
33A CT HARTFORD
33A DC WASHINGTON
33A NH CONCORD
34A PA PHILADELPHIA
              42
Result key: 42
Scenario 16 Affected station 13
Result key:
Before Analysis
Results for: 33A NY NEW YORK
                                            USERRECORD01
                                                                     APP
  HAAT 519.0 m, ATV ERP 313.0 kW
   within Noise Limited Contour 20808946 AREA (sq km) not affected by terrain losses 20331299 33029.1
                                     0 0.0
880390 3856.7
880390 3856.7
880390 3856.7
   lost to NTSC IX
   lost to additional IX by ATV
   lost to ATV IX only
   lost to all IX
 Potential Interfering Stations Included in above Scenario
                                                                 16
32A PA PHILADELPHIA
                            BPCDT
                                         20111024ACS CP
33A CT HARTFORD
                            BLCDT
BLEDT
                                         20041029AIL LIC
33A DC WASHINGTON
                                         20071018AIJ LIC
33A NH CONCORD
                             BLCDT
                                       20031014AEP LIC
```

34A PA PHILADELPHIA BLCDT 20090914AAX LIC

FINISHED FINISHED FINISHED FINISHED FINISHED

APPENDIX C

STATION C ALLOCATION ANALYSIS

Percent allowed new interference: 0.500

Percent allowed new interference to non Class A LPTV: 2.000

TW Census data selected 2000

Data Base Selected

/export/home/cdbs/pt_tvdb.sff

WARNING WARNING WARNING

The following list of station records has been excluded from the analysis due to the fact that they have the same state, city and channel as the proposed station - This could cause the program to not find a potential fail situation

You can force the program to include these records by setting the state of the proposed record to ZZ and re-running the analysis

WXTV-DT 40 PATERSON WXTV-DT 40 PATERSON NJ BPCDT 20110629AAI NJ BLCDT 20050214AGS

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-27-2012 Time: 11:25:58

Record Selected for Analysis

WXTV-DT USERRECORD-01 NJ US PATERSON Channel 40 ERP 177. kW HAAT 519. m RCAMSL 00530 m Latitude 040-42-46 Longitude 0074-00-49

Status APP Zone 1 Border Site number: 01 Last update Cutoff date Docket

Comments Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility (site # 01) meets maximum height/power limits

Site numb	er 1		
Azimuth	ERP	HAAT	41.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	177.000	511.9	99.2
45.0	177.000	529.1	100.6
90.0	177.000	508.4	98.9
135.0	177.000	519.9	99.9
180.0	177.000	522.8	100.1
225.0	177.000	519.6	99.8
270.0	177.000	521.3	100.0
315.0	177.000	516.6	99.6

Evaluation toward Class A Stations from site # 01

No Spacing violations or contour overlap to Class A stations from site # 01

Class A Evaluation Complete

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance Distance to border = 397.6km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Proposed Station

Call City/State WXTV-DT PATERSON NJ ARN Channel USERRECORD01 40

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
39	WCTX	NEW HAVEN CT	118.9	LIC	BLCDT	20040507AAZ
39	WDVB-CA	EDISON NJ	32.2	CP	BPTTA	20090309AAZ
39	WDVB-CA	EDISON NJ	32.2	APP	BSTA	20111018ASY
39	WLVT-TV	ALLENTOWN PA	121.4	LIC	BLEDT	20090605ABD
40	WGGB-TV	SPRINGFIELD MA	204.4	LIC	BLCDT	20100702BBL
40	WDPX-TV	VINEYARD HAVEN MA	325.2	LIC	BLCDT	20110615ABP
40	VUUW	BALTIMORE MD	271.6	LIC	BMLCDT	20110131ASB
40	WIXT-CA	DEWITT NY	307.7	LIC	BLTTL	19990125JC
40	WIXT-CA	DEWITT NY	307.7	CP	BDFCDTA	20081117AAD
40	WNMN	SARANAC LAKE NY	403.4	CP MOD	BMPCDT	20091209ABD
41	WEDY	NEW HAVEN CT	115.3	CP	BPEDT	20110512AAI
41	WEDY-DR	NEW HAVEN CT	115.3	APP	BPRM	20090713ABS
41	WVIA-TV	SCRANTON PA	164.4	LIC	BLEDT	20120319AAB

Analysis of Interference to Affected Station 1

Analysis of current record
Channel Call City/State
39 WCTX NEW HAVEN CT Application Ref. No. BLCDT -20040507AAZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicat:	ion Ref. No.
38	WWOR-TV	SECAUCUS NJ	114.6	CP MOD	BMPCDT	-20080620AHC
39	WSBK-TV	BOSTON MA	172.8	LIC	BLCDT	-20021009AAF
39	WLVT-TV	ALLENTOWN PA	229.5	LIC	BLEDT	-20090605ABD
40	WGGB-TV	SPRINGFIELD MA	94.4	LIC	BLCDT	-20100702BBL
40	WDPX-TV	VINEYARD HAVEN MA	218.6	LIC	BLCDT	-20110615ABP
40	WXTV	PATERSON NJ	114.6	PLN	DTVPLN	-DTVP1444
40	WXTV-DT	PATERSON NJ	118.9	APP	USERRECOR	RD-01

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 1

Before Analysis

Results for: 39A CT NEW HAVEN
HAAT 301.0 m, ATV ERP 170.0 kW BLCDT 20040507AAZ LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	4577263	18780.7
not affected by terrain losses	4506470	18097.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	178175	663.6
lost to ATV IX only	178175	663.6
lost to all IX	178175	663.6

Potential Interfering Stations Included in above Scenario

38A	NJ	SECAUCUS	BMPCDT	20080620AHC	CP
39A	MA	BOSTON	BLCDT	20021009AAF	LIC
39A	PA	ALLENTOWN	BLEDT	20090605ABD	LIC
40A	MA	SPRINGFIELD	BLCDT	20100702BBL	LIC
40A	NJ	PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 39A CT NEW HAVEN BLCDT 20040507AAZ LIC

HAAT 301.0 m, ATV ERP 170.0 kW

,		
	POPULATION	AREA (sq km)
within Noise Limited Contour	4577263	18780.7
not affected by terrain losses	4506470	18097.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	169715	679.6
lost to ATV IX only	169715	679.6
lost to all IX	169715	679.6

Potential Interfering Stations Included in above Scenario

38A	NJ	SECAUCUS	BMPCDT	20080620AHC	CP
39A	MA	BOSTON	BLCDT	20021009AAF	LIC
39A	PΑ	ALLENTOWN	BLEDT	20090605ABD	LIC
40A	MA	SPRINGFIELD	BLCDT	20100702BBL	LIC
40A	NJ	PATERSON	USERRECORI	001	APP

Percent new IX = -0.1955%

Worst case new IX -0.1955% Scenario

Analysis of Interference to Affected Station 2

Analysis of current record
Channel Call City/State
39 WDVB-CA EDISON NJ Application Ref. No. BPTTA -20090309AAZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
31	WPPX-TV	WILMINGTON DE	95.7	CP	BPCDT	-20080620AMP
31	WPPX-TV	WILMINGTON DE	95.7	LIC	BLCDT	-20031203AFL
31	WPXN-TV	NEW YORK NY	32.2	APP	BMPCDT	-20080620ALZ
31	WPXN-TV	NEW YORK NY	36.2	LIC	BLCDT	-20110729AAQ
32	WPSG	PHILADELPHIA PA	95.7	LIC	BLCDT	-20021025AAS
32	WPSG	PHILADELPHIA PA	95.7	CP	BPCDT	-20111024ACS
35	WYBE	PHILADELPHIA PA	95.7	LIC	BLEDT	-20091222ARE
36	WNJU	LINDEN NJ	36.2	CP	BPCDT	-20111220AFK
36	WNJU	LINDEN NJ	27.0	LIC	BLCDT	-20080514ADL
38	WWOR-TV	SECAUCUS NJ	36.2	CP MOD	BMPCDT	-20080620AHC
39	WCTX	NEW HAVEN CT	150.5	LIC	BLCDT	-20040507AAZ
39	WSBK-TV	BOSTON MA	323.2	LIC	BLCDT	-20021009AAF
39	WJAL	HAGERSTOWN MD	316.5	LIC	BLCDT	-20090804ACD
39	WJAL	SILVER SPRING MD	295.8	APP	BPRM	-20060424AEX
39	WNYN-LD	NEW YORK NY	39.2	LIC	BLDTL	-20090619AAO
39	WNYN-LD	NEW YORK NY	39.2	CP	BPDTL	-20091030ACJ
39	WLVT-TV	ALLENTOWN PA	92.3	LIC	BLEDT	-20090605ABD
40	WXTV	PATERSON NJ	36.2	PLN	DTVPLN	-DTVP1444
41	WVIA-TV	SCRANTON PA	145.0	LIC	BLEDT	-20120319AAB
42	WZME	BRIDGEPORT CT	135.8	APP	BPCDT	-20120601ARY
42	WZME	BRIDGEPORT CT	36.2	APP	BPCDT	-20120601ARY
42	WZME	BRIDGEPORT CT	135.8	LIC	BLCDT	-20061218ACB
42	WTXF-TV	PHILADELPHIA PA	95.9	LIC	BLCDT	-20120511ADN
43	WNJT	TRENTON NJ	43.1	LIC	BLEDT	-20110427ABE
46	WFMZ-TV	ALLENTOWN PA	96.0	APP	BPCDT	-20101214AAB
46	WFMZ-TV	ALLENTOWN PA	92.3	APP	BPCDT	-20101214AAB
46	WFMZ-TV	ALLENTOWN PA	92.3	LIC	BMLCDT	-20111230AAF
47	WLNY-TV	RIVERHEAD NY	125.8	LIC	BLCDT	-20090612AAC
40	WXTV-DT	PATERSON NJ	32.2	APP	USERRECORI	0-01
Prop	osal caus	es no interference				

Analysis of Interference to Affected Station 3

Analysis of current record

Channel Call City/State Application Ref. No. EDISON NJ 39 WDVB-CA BSTA -20111018ASY

```
Chan
                                    Dist(km) Status Application Ref. No.
      Call
               City/State
     WPPX-TV WILMINGTON DE
                                        95.7 CP
                                                    BPCDT
                                                              -20080620AMP
31
     WPPX-TV WILMINGTON DE
                                        95.7 LIC
                                                    BLCDT
31
                                                              -20031203AFT
     WPXN-TV NEW YORK NY
                                                    BMPCDT
31
                                        32.2 APP
                                                              -20080620ALZ
31
     WPXN-TV NEW YORK NY
                                        36.2 LIC
                                                    BLCDT
                                                              -20110729AAQ
32
     WPSG
             PHILADELPHIA PA
                                        95.7 LIC
                                                    BLCDT
                                                              -20021025AAS
32
     WPSG
              PHILADELPHIA PA
                                       95.7 CP
                                                    BPCDT
                                                              -20111024ACS
35
     WYBE
              PHILADELPHIA PA
                                       95.7 LIC
                                                    BLEDT
                                                              -20091222ARE
 36
             LINDEN NJ
                                        36.2 CP
                                                              -20111220AFK
     WNJU
                                                    BPCDT
 36
     WNJU
              LINDEN NJ
                                        27.0 LIC
                                                    BLCDT
                                                              -20080514ADL
     WWOR-TV SECAUCUS NJ
                                        36.2 CP MOD BMPCDT
                                                              -20080620AHC
38
                                       150.5 LIC
39
     WCTX
              NEW HAVEN CT
                                                    BLCDT
                                                              -20040507AAZ
 39
     WSBK-TV BOSTON MA
                                       323.2
                                                    BLCDT
                                                              -20021009AAF
                                             LIC
39
     WJAL
             HAGERSTOWN MD
                                       316.5 LIC
                                                    BLCDT
                                                              -20090804ACD
     WJAL
              SILVER SPRING MD
                                                    BPRM
                                                              -20060424AEX
39
                                       295.8 APP
39
     WNYN-LD NEW YORK NY
                                        39.2
                                             LIC
                                                    BLDTL
                                                              -20090619AAO
     WNYN-LD NEW YORK NY
                                                              -20091030ACJ
 39
                                        39.2 CP
                                                    BPDTL
 39
     WLVT-TV ALLENTOWN PA
                                        92.3 LIC
                                                    BLEDT
                                                              -20090605ABD
 40
              PATERSON NJ
                                                    DTVPLN
     VTXW
                                        36.2 PLN
                                                              -DTVP1444
     WVIA-TV SCRANTON PA
 41
                                       145.0 LIC
                                                    BLEDT
                                                              -20120319AAB
 42
     WZME
              BRIDGEPORT CT
                                       135.8
                                             APP
                                                    BPCDT
                                                              -20120601ARY
 42
     WZME
              BRIDGEPORT CT
                                                    BPCDT
                                                              -20120601ARY
                                       36.2 APP
     WZME
                                      135.8 LIC
                                                              -20061218ACB
 42
              BRIDGEPORT CT
                                                    BLCDT
     WTXF-TV PHILADELPHIA PA
 42
                                        95.9 LIC
                                                    BLCDT
                                                              -20120511ADN
 43
     WNJT
                                       43.1 LIC
                                                              -20110427ABE
              TRENTON NJ
                                                    BLEDT
 46
     WFMZ-TV ALLENTOWN PA
                                        96.0 APP
                                                    BPCDT
                                                              -20101214AAB
     WFMZ-TV ALLENTOWN PA
 46
                                        92.3 APP
                                                    BPCDT
                                                              -20101214AAB
46
     WFMZ-TV ALLENTOWN PA
                                       92.3 LIC
                                                    BMLCDT
                                                              -20111230AAF
 47
     WLNY-TV RIVERHEAD NY
                                       125.8 LIC
                                                    BLCDT
                                                              -20090612AAC
     WXTV-DT PATERSON NJ
 40
                                        32.2 APP
                                                    USERRECORD-01
Proposal causes no interference
```

Analysis of Interference to Affected Station 4

```
Analysis of current record
```

Channel Call City/State Application Ref. No. 39 WLVT-TV ALLENTOWN PA BLEDT -20090605ABD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
38	WMAR-TV	BALTIMORE MD	171.2	LIC	BLCDT	-20090619ACA
38	WWOR-TV	SECAUCUS NJ	124.3	CP MOD	BMPCDT	-20080620AHC
39	WCTX	NEW HAVEN CT	229.5	LIC	BLCDT	-20040507AAZ
39	WSBK-TV	BOSTON MA	400.3	LIC	BLCDT	-20021009AAF
39	WJAL	HAGERSTOWN MD	227.2	LIC	BLCDT	-20090804ACD
39	WJAL	SILVER SPRING MD	228.6	APP	BPRM	-20060424AEX
39	WIVB-TV	BUFFALO NY	352.5	LIC	BLCDT	-20020619ABE
40	WNUV	BALTIMORE MD	171.1	LIC	BMLCDT	-20110131ASB
40	WXTV	PATERSON NJ	124.3	PLN	DTVPLN	-DTVP1444
40	WXTV-DT	PATERSON NJ	121.4	APP	USERRECORI	0-01

Total scenarios = 3

Result key: 2

Scenario 1 Affected station 4

Before Analysis

Results for: 39A PA ALLENTOWN BLEDT 20090605ABD LIC

HAAT 295.0 m, ATV ERP 52.0 kW

·	POPULATION	AREA (sq km)
within Noise Limited Contour	5222389	16906.3
not affected by terrain losses	4939684	15494.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	111858	404.0
lost to ATV IX only	111858	404.0
lost to all IX	111858	404.0

Potential Interfering Stations Included in above Scenario

38A NJ	SECAUCUS	BMPCDT	20080620AHC	CP
39A CT	NEW HAVEN	BLCDT	20040507AAZ	LIC
39A MD	HAGERSTOWN	BLCDT	20090804ACD	LIC
39A NY	BUFFALO	BLCDT	20020619ABE	LIC

DTVPLN DTVP1444 PLN 40A NJ PATERSON

After Analysis

Results for: 39A PA ALLENTOWN BLEDT 20090605ABD LIC

HAAT 295.0 m, ATV ERP 52.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5222389	16906.3
not affected by terrain losses	4939684	15494.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	134472	507.9
lost to ATV IX only	134472	507.9
lost to all IX	134472	507.9

Potential Interfering Stations Included in above Scenario 1

38A	NJ	SECAUCUS	BMPCDT	20080620AHC	CP
39A	CT	NEW HAVEN	BLCDT	20040507AAZ	LIC
39A	MD	HAGERSTOWN	BLCDT	20090804ACD	LIC
39A	NY	BUFFALO	BLCDT	20020619ABE	LIC
40A	NJ	PATERSON	USERRECORD01		APP

Percent new IX = 0.4684%

3

Result key: 3
Scenario 2 Affected station

Before Analysis

HAAT 295.0 m, ATV ERP 52.0 kW Results for: 39A PA ALLENTOWN

	POPULATION	AREA (sq km)
within Noise Limited Contour	5222389	16906.3
not affected by terrain losses	4939684	15494.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	115246	428.0
lost to ATV IX only	115246	428.0
lost to all IX	115246	428.0

Potential Interfering Stations Included in above Scenario 2

38A	NJ	SECAUCUS	BMPCDT	20080620AHC	CP
39A	CT	NEW HAVEN	BLCDT	20040507AAZ	LIC
39A	MD	HAGERSTOWN	BLCDT	20090804ACD	LIC
39A	MD	SILVER SPRING	BPRM	20060424AEX	APP
39A	NY	BUFFALO	BLCDT	20020619ABE	LIC
40A	NJ	PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 39A PA ALLENTOWN BLEDT 20090605ABD LIC HAAT 295.0 m, ATV ERP 52.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5222389	16906.3
not affected by terrain losses	4939684	15494.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	137860	531.9
lost to ATV IX only	137860	531.9
lost to all IX	137860	531.9

Potential Interfering Stations Included in above Scenario 2

38A	NJ	SECAUCUS	BMPCDT	20080620AHC	CP
39A	CT	NEW HAVEN	BLCDT	20040507AAZ	LIC
39A	MD	HAGERSTOWN	BLCDT	20090804ACD	LIC
39A	MD	SILVER SPRING	BPRM	20060424AEX	APP
39A	NY	BUFFALO	BLCDT	20020619ABE	LIC
40A	NiT	PATERSON	USERRECORI	001	APP

Percent new IX = 0.4687%

Result key: 4
Scenario 3 Affected station 4

Before Analysis

BLEDT 20090605ABD LIC Results for: 39A PA ALLENTOWN

HAAT 295.0 m, ATV ERP 52.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 5222389 16906.3 not affected by terrain losses 4939684 15494.4 lost to NTSC IX 0.0 0

```
lost to additional IX by ATV
                               111858
                                              404.0
  lost to ATV IX only
                                 111858
                                              404.0
  lost to all IX
                                 111858
                                              404.0
Potential Interfering Stations Included in above Scenario
38A NJ SECAUCUS
                        BMPCDT
                                  20080620AHC CP
                        BLCDT
                                  20040507AAZ LIC
39A CT NEW HAVEN
39A MD HAGERSTOWN
                        BLCDT
                                  20090804ACD LIC
39A NY BUFFALO
                                  20020619ABE LIC
                        BLCDT
40A NJ PATERSON
                        DTVPLN
                                 DTVP1444
After Analysis
Results for: 39A PA ALLENTOWN
                                    BLEDT 20090605ABD LIC
  within Noise Limited Contour 5222389 AREA (sq km)
  HAAT 295.0 m, ATV ERP 52.0 kW
  not affected by terrain losses
                                4939684
                                            15494.4
  lost to NTSC IX
                                              0.0
                                    0
                                              507.9
  lost to additional IX by ATV
                                 134472
  lost to ATV IX only
                                 134472
                                              507.9
  lost to all IX
                                 134472
                                             507.9
Potential Interfering Stations Included in above Scenario
                         BMPCDT
38A NJ SECAUCUS
                                  20080620AHC CP
                                  20040507AAZ LIC
39A CT NEW HAVEN
                         BLCDT
39A MD HAGERSTOWN
                         BLCDT
                                  20090804ACD LIC
39A NY BUFFALO
                         BLCDT
                                  20020619ABE LIC
40A NJ PATERSON
                         USERRECORD01
                                             APP
Percent new IX = 0.4684%
                 0.4687% Scenario
Worst case new IX
Analysis of Interference to Affected Station 5
Analysis of current record
                                        Application Ref. No.
                    City/State
Channel
          Call
         WGGB-TV SPRINGFIELD MA
                                           BLCDT -20100702BBL
  40
   Stations Potentially Affecting This Station
Chan Call
             City/State
                                  Dist(km) Status Application Ref. No.
39 WCTX NEW HAVEN CT
                                     94.4 LIC BLCDT -20040507AAZ
39
    WSBK-TV BOSTON MA
                                     116.4 LIC
                                                 BLCDT
                                                          -20021009AAF
    WDPX-TV VINEYARD HAVEN MA
40
                                     199.9 LIC
                                                 BLCDT
                                                          -20110615ABP
                                     199.8 PLN DTVPLN
          PATERSON NJ
SARANAC LAKE NY
 40
    WXTV
                                                          -DTVP1444
 40
     WNMN
                                     262.2 CP MOD BMPCDT
                                                          -20091209ABD
    WEDY NEW HAVEN CT
                                    103.7 CP BPEDT
 41
                                                          -20110512AAI
                                    103.7 APP
117.9 LIC
     WEDY-DR NEW HAVEN CT
41
                                                 BPRM
                                                          -20090713ABS
                                                 BLCDT
 41
     WLVI CAMBRIDGE MA
                                                         -20110325AAM
                                     204.4 APP
     WXTV-DT PATERSON NJ
                                                 USERRECORD-01
Total scenarios = 3
Result key: 5
Scenario 1 Affected station
Before Analysis
                                   BLCDT 20100702BBL LIC
Results for: 40A MA SPRINGFIELD
  HAAT 324.0 m, ATV ERP 460.0 kW
                              POPULATION AREA (sq km)
                                         22119.7
18756.6
  within Noise Limited Contour
                                3292509
  not affected by terrain losses
                                2788366
  lost to NTSC IX
                                              0.0
                                   Ο
  lost to additional IX by ATV
                                 420841
                                             2029.0
  lost to ATV IX only
                                 420841
                                            2029.0
  lost to all IX
                                 420841
                                             2029.0
Potential Interfering Stations Included in above Scenario
39A CT NEW HAVEN
                                  20040507AAZ LIC
39A MA BOSTON
                         BLCDT
                                  20021009AAF LIC
```

```
40A MA VINEYARD HAVEN
                         BLCDT
                                   20110615ABP LIC
41A CT NEW HAVEN
                        BPEDT 20110512AAI CP
41A MA CAMBRIDGE
                          BLCDT
                                    20110325AAM LIC
40A NJ PATERSON
                          DTVPIN
                                   DTVP1444
                                                PLN
After Analysis
Results for: 40A MA SPRINGFIELD
                                    BLCDT 20100702BBL LIC
  HAAT 324.0 m, ATV ERP 460.0 kW
                             POPULATION AREA (sq km)
                                          22119.7
   within Noise Limited Contour
                                 3292509
  not affected by terrain losses
                                              18756.6
                                  2788366
   lost to NTSC IX
                                   0
                                              0.0
   lost to additional IX by ATV
                                   402725
                                               1929.2
   lost to ATV IX only
                                   402725
   lost to all IX
                                               1929.2
                                   402725
 Potential Interfering Stations Included in above Scenario
39A CT NEW HAVEN
                          BLCDT
                                    20040507AAZ T.TC
                                    20021009AAF LIC
39A MA BOSTON
                          BLCDT
                                    20110615ABP LIC
40A MA VINEYARD HAVEN
                          BLCDT
41A CT NEW HAVEN
41A MA CAMBRIDGE
                                    20110512AAI CP
                         BPEDT
                                   20110325AAM LIC
                          BLCDT
40A NJ PATERSON
                          USERRECORD01
                                                APP
Percent new IX = -0.7652%
Result key: 6
Scenario 2 Affected station
Before Analysis
                                    BLCDT 20100702BBL LIC
Results for: 40A MA SPRINGFIELD
  HAAT 324.0 m, ATV ERP 460.0 kW
                               POPULATION AREA (sq km)
                                           22119.7
  within Noise Limited Contour
                                3292509
  not affected by terrain losses
                                  2788366
                                              18756.6
   lost to NTSC IX
                                     0
                                              0.0
   lost to additional IX by ATV
                                   420841
                                               2029.0
   lost to ATV IX only
                                   420841
                                               2029.0
   lost to all IX
                                   420841
                                               2029.0
 Potential Interfering Stations Included in above Scenario
39A CT NEW HAVEN
                          BLCDT
                                    20040507AAZ LIC
39A MA BOSTON
                          BLCDT
                                    20021009AAF LIC
40A MA VINEYARD HAVEN
                        BLCDT
                                   20110615ABP LIC
41A CT NEW HAVEN
                                   20110512AAI CP
20090713ABS APP
                          BPEDT
41A CT NEW HAVEN
                          BPRM
41A MA CAMBRIDGE
                         BLCDT
                                    20110325AAM LIC
40A NJ PATERSON
                          DTVPLN
                                   DTVP1444
                                                PLN
After Analysis
Results for: 40A MA SPRINGFIELD
                                    BLCDT 20100702BBL LIC
  HAAT 324.0 m, ATV ERP 460.0 kW
                               POPULATION AREA (sq km)
                                           22119.7
   within Noise Limited Contour
                                3292509
  not affected by terrain losses
                                  2788366
                                              18756.6
   lost to NTSC IX
                                     Ω
                                              0.0
   lost to additional IX by ATV
                                  402725
                                              1929.2
   lost to ATV IX only
                                   402725
                                               1929.2
   lost to all IX
                                   402725
 Potential Interfering Stations Included in above Scenario
                                    20040507AAZ LIC
39A CT NEW HAVEN
                          BLCDT
                                    20021009AAF LIC
39A MA BOSTON
                          BLCDT
                                    20110615ABP LIC
40A MA VINEYARD HAVEN
                          BLCDT
41A CT NEW HAVEN
                          BPEDT
                                    20110512AAI CP
                                    20090713ABS APP
41A CT NEW HAVEN
                         BPRM
41A MA CAMBRIDGE
                          BLCDT
                                   20110325AAM LIC
                          USERRECORD01
40A NJ PATERSON
                                                APP
Percent new IX = -0.7652%
Result key:
              3 Affected station
Scenario
```

Before Analysis

```
Results for: 40A MA SPRINGFIELD
                                   BLCDT 20100702BBL LIC
  HAAT 324.0 m, ATV ERP 460.0 kW
                             POPULATION AREA (sq km)
  within Noise Limited Contour
                                         22119.7
                               3292509
  not affected by terrain losses
                                2788366
                                           18756.6
  lost to NTSC IX
                                   0
                                              0.0
  lost to additional IX by ATV
                                420841
                                            2029.0
  lost to ATV IX only
                                420841
                                            2029.0
  lost to all IX
                                420841
                                            2029.0
Potential Interfering Stations Included in above Scenario
39A CT NEW HAVEN
                        BLCDT
                                 20040507AAZ LIC
39A MA BOSTON
                        BLCDT
                                 20021009AAF LIC
40A MA VINEYARD HAVEN
                                 20110615ABP LIC
                        BLCDT
41A CT NEW HAVEN
                                 20110512AAI CP
                        BPEDT
                                 20110325AAM LIC
41A MA CAMBRIDGE
                        BLCDT
40A NJ PATERSON
                        DTVPLN DTVP1444
After Analysis
Results for: 40A MA SPRINGFIELD
                                   BLCDT 20100702BBL LIC
  HAAT 324.0 m, ATV ERP 460.0 kW
                            POPULATION AREA (sq km)
3292509 22119.7
                                        22119.7
  within Noise Limited Contour
  not affected by terrain losses
                                           18756.6
                                2788366
  lost to NTSC IX
                                    0
                                              0.0
  lost to additional IX by ATV
                                402725
                                            1929.2
  lost to ATV IX only
                                402725
                                            1929.2
  lost to all IX
                                402725
                                            1929.2
Potential Interfering Stations Included in above Scenario
                                 20040507AAZ LIC
39A CT NEW HAVEN
                        BLCDT
39A MA BOSTON
                        BLCDT
                                 20021009AAF LIC
                                 20110615ABP LIC
40A MA VINEYARD HAVEN
                        BLCDT
41A CT NEW HAVEN
                                 20110512AAI CP
                        BPEDT
41A MA CAMBRIDGE
                        BLCDT
                                 20110325AAM LIC
40A NJ PATERSON
                        USERRECORD01
                                            APP
Percent new IX = -0.7652%
Worst case new IX -0.7652% Scenario
Analysis of Interference to Affected Station 6
Analysis of current record
                       City/State
                                       Application Ref. No.
Channel
         Call
  40
         WDPX-TV
                   VINEYARD HAVEN MA
                                        BLCDT -20110615ABP
    Stations Potentially Affecting This Station
Chan Call
              City/State
                                 Dist(km) Status Application Ref. No.
           NEW HAVEN CT
                                  218.6 LIC BLCDT -20040507AAZ
39 WCTX
39
    WSBK-TV BOSTON MA
                                    100.9 LIC
                                                BLCDT
                                                         -20021009AAF
    WGGB-TV SPRINGFIELD MA
40
                                    199.9 LIC
                                                BLCDT
                                                         -20100702BBL
          PATERSON NJ
40
    VTXW
                                    321.7 PLN
                                              DTVPLN
                                                         -DTVP1444
          SARANAC LAKE NY
NEW HAVEN CT
 40
     WNMN
                                    425.8 CP MOD BMPCDT
                                                         -20091209ABD
 41
    WEDY
                                    216.8 CP BPEDT
                                                         -20110512AAI
41
    WEDY-DR NEW HAVEN CT
                                    216.8 APP
                                                BPRM
                                                         -20090713ABS
             CAMBRIDGE MA
41
    WLVI
                                    99.2 LIC
                                                BLCDT
                                                         -20110325AAM
    WXTV-DT PATERSON NJ
                                    325.2 APP
                                                USERRECORD-01
Proposal causes no interference
```

Stations Potentially Affecting This Station

Analysis of current record

VUINW

Call

Channel

40

Analysis of Interference to Affected Station 7

BALTIMORE MD

City/State

Application Ref. No.

BMLCDT -20110131ASB

```
Chan Call City/State
39 WJAL HAGERSTOWN MD
                                   Dist(km) Status Application Ref. No.
                                     128.6 LIC
                                                   BLCDT -20090804ACD
                                       57.7 APP
 39
     WJAL
             SILVER SPRING MD
                                                   BPRM
                                                             -20060424AEX
                                      171.1 LIC
     WLVT-TV ALLENTOWN PA
 39
                                                   BLEDT
                                                            -20090605ABD
                                      275.7 PLN
                                                   DTVPLN -DTVP1444
 40
    WXTV PATERSON NJ
                                                   BLCDT
BLCDT
 40
             NORFOLK VA
                                      281.2 LIC
                                                            -20050617AAW
     WTKR
            BALTIMORE MD
                                      11.0 LIC
 41
    WUTB
                                                             -20100809CHT
                                      215.5 LIC
271.6 APP
                                                   BLEDT
 41
     WVIA-TV SCRANTON PA
                                                            -20120319AAB
 40
     WXTV-DT PATERSON NJ
                                                   USERRECORD-01
Total scenarios = 3
Result key: 8
Scenario 1 Affected station
Before Analysis
  HAAT 373.0 m, ATV ERP 845.0 kW
Results for: 40A MD BALTIMORE
                              POPULATION AREA (sq km)
                                           28066.0
  within Noise Limited Contour
                                 7963729
  not affected by terrain losses
                                  7814503
                                              27010.4
                                            0.0
  lost to NTSC IX
                                  0
                                               253.8
  lost to additional IX by ATV
                                   41567
  lost to ATV IX only
                                   41567
                                                253.8
  lost to all IX
                                   41567
 Potential Interfering Stations Included in above Scenario
39A MD HAGERSTOWN
                          BLCDT
                                   20090804ACD LIC
40A VA NORFOLK
                         BLCDT
                                   20050617AAW LIC
                                   20100809CHT LIC
                         BLCDT
41A MD BALTIMORE
                                 DTVP1444
40A NJ PATERSON
                         DTVPLN
                                                PLN
After Analysis
Results for: 40A MD BALTIMORE
                                     BMLCDT 20110131ASB LIC
  HAAT 373.0 m, ATV ERP 845.0 kW
                            POPULATION AREA (sq km)
  within Noise Limited Contour
                                 7963729
                                           28066.0
  not affected by terrain losses
                                  7814503
                                              27010.4
                                             0.0
  lost to NTSC IX
                                     0
  lost to additional IX by ATV
                                   43879
                                                265.9
  lost to ATV IX only
                                               265.9
                                   43879
  lost to all IX
                                   43879
                                               265.9
 Potential Interfering Stations Included in above Scenario
39A MD HAGERSTOWN
                          BLCDT
                                   20090804ACD LIC
40A VA NORFOLK
                                   20050617AAW LIC
                                   20100809CHT LIC
41A MD BALTIMORE
                          BLCDT
                          USERRECORD01
40A NJ PATERSON
                                               APP
Percent new IX = 0.0297%
Result key: 9
Scenario 2 Affected station
Before Analysis
                                    BMLCDT 20110131ASB LIC
Results for: 40A MD BALTIMORE
  HAAT 373.0 m, ATV ERP 845.0 kW
                                           AREA (sq km)
                              POPULATION
                                           28066.0
  within Noise Limited Contour
                                 7963729
                                 7814503
                                              27010.4
  not affected by terrain losses
  lost to NTSC IX
                                     0
                                                0.0
                                                265.9
  lost to additional IX by ATV
                                   59045
  lost to ATV IX only
                                   59045
                                                265.9
  lost to all IX
                                   59045
                                                265.9
 Potential Interfering Stations Included in above Scenario
                                   20090804ACD LIC
39A MD HAGERSTOWN
                          BLCDT
39A MD SILVER SPRING
                          BPRM
                                   20060424AEX APP
40A VA NORFOLK
                         BLCDT
                                   20050617AAW LIC
                                   20100809CHT LIC
41A MD BALTIMORE
                         BLCDT
                         DTVPLN DTVP1444
40A NJ PATERSON
                                                PLN
After Analysis
```

BMLCDT

20110131ASB LIC

Results for: 40A MD BALTIMORE

```
HAAT 373.0 m, ATV ERP 845.0 kW
                              POPULATION AREA (sq km)
  within Noise Limited Contour
                                 7963729
                                            28066.0
  not affected by terrain losses
                                 7814503
                                             27010.4
  lost to NTSC IX
                                    0
                                               0.0
  lost to additional IX by ATV
                                  61357
                                              278.0
  lost to ATV IX only
                                  61357
                                              278.0
  lost to all IX
                                  61357
                                              278.0
 Potential Interfering Stations Included in above Scenario
39A MD HAGERSTOWN
                         BLCDT
                                  20090804ACD LIC
39A MD SILVER SPRING
                         BPRM
                                  20060424AEX APP
40A VA NORFOLK
                         BLCDT
                                  20050617AAW LIC
                                  20100809CHT LIC
41A MD BALTIMORE
                         BLCDT
40A NJ PATERSON
                         USERRECORD01
                                              APP
Percent new IX = 0.0298%
Result key: 10
Scenario 3 Affected station 7
Before Analysis
                                              20110131ASB LTC
Results for: 40A MD BALTIMORE
                                    BMI CDT
  HAAT 373.0 m, ATV ERP 845.0 kW
                            POPULATION AREA (sq km)
                                         28066.0
  within Noise Limited Contour
                                7963729
  not affected by terrain losses
                                7814503
                                             27010.4
  lost to NTSC IX
                                  0
                                              0.0
  lost to additional IX by ATV
                                  41567
                                               253.8
  lost to ATV IX only
                                  41567
                                              253.8
  lost to all IX
                                  41567
                                              253.8
 Potential Interfering Stations Included in above Scenario
39A MD HAGERSTOWN
                         BLCDT
                                  20090804ACD LTC
40A VA NORFOLK
                         BLCDT
                                  20050617AAW LIC
41A MD BALTIMORE
                         BLCDT
                                  20100809CHT LIC
40A NJ PATERSON
                         DTVPLN
                                  DTVP1444
After Analysis
Results for: 40A MD BALTIMORE
                                   BMLCDT 20110131ASB LIC
  HAAT 373.0 m, ATV ERP 845.0 kW
                              POPULATION AREA (sq km)
                                          28066.0
  within Noise Limited Contour
                                7963729
  not affected by terrain losses
                                 7814503
                                             27010.4
                                               0.0
  lost to NTSC IX
                                    0
                                  43879
  lost to additional IX by ATV
                                              265.9
  lost to ATV IX only
                                  43879
                                  43879
                                              265.9
  lost to all IX
 Potential Interfering Stations Included in above Scenario
39A MD HAGERSTOWN
                         BLCDT
                                  20090804ACD LIC
                                  20050617AAW LIC
40a VA NORFOLK
                         BLCDT
                                  20100809CHT LIC
41A MD BALTIMORE
                         BLCDT
40A NJ PATERSON
                         USERRECORD01
Percent new IX = 0.0297%
                 0.0298% Scenario
Worst case new IX
Analysis of Interference to Affected Station 8
Analysis of current record
         Call
                    City/State
                                         Application Ref. No.
Channel
                                           BLTTL -19990125JC
  40
         WIXT-CA DEWITT NY
   Stations Potentially Affecting This Station
Chan Call
               City/State
                                  Dist(km) Status Application Ref. No.
36
    WENY-TV ELMIRA NY
                                     125.4 LIC
                                                  BLCDT -20090730AAH
```

294.3 LIC

305.7 PLN

216.7 CP MOD BMPCDT

BLCDT

DTVPLN

-20100702BBL

-DTVP1444

-20091209ABD

40

40

40

WXTV

MMMM

WGGB-TV SPRINGFIELD MA

PATERSON NJ

SARANAC LAKE NY

```
99.6 LIC
41 WPBS-DT WATERTOWN NY
                                                      BLEDT
                                                                -20050923AGH
41 WPBS-DT WATERTOWN NY
42 WSKG-TV BINGHAMTON NY
44 WNYS-TV SYRACUSE NY
                                                             -20080619ABP
                                         99.6 CP
                                                      BPEDT
                                        105.8 LIC
                                                                -20050526ACA
                                                      BLEDT
                                         16.5 LIC
                                                      BLCDT
                                                                -20060509AAO
    WTVH SYRACUSE NY
                                                      BLCDT
                                                                -20060809ACB
47
                                         5.9 LIC
48
    WYDC
             CORNING NY
                                        125.4 LIC
                                                      BLCDT
                                                                -20090220ABG
    WXTV-DT PATERSON NJ
                                        307.7 APP
                                                      USERRECORD-01
40
Proposal causes no interference
```

Analysis of Interference to Affected Station 9

Analysis of current record

Channel Call City/State Application Ref. No. 40 WIXT-CA DEWITT NY BDFCDTA -20081117AAD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
40	WGGB-TV	SPRINGFIELD MA	294.3	LIC	BLCDT	-20100702BBL
40	WXTV	PATERSON NJ	305.7	PLN	DTVPLN	-DTVP1444
40	WBGT-CA	ROCHESTER NY	129.5	LIC	BLTTA	-20001005ABU
40	WNMN	SARANAC LAKE NY	216.7	CP MOD	BMPCDT	-20091209ABD
40	DK02CG	WATKINS GLEN NY	100.9	STA	BDSTA	-20120612ADJ
41	WPBS-DT	WATERTOWN NY	99.6	LIC	BLEDT	-20050923AGH
41	WPBS-DT	WATERTOWN NY	99.6	CP	BPEDT	-20080619ABP
40	WXTV-DT	PATERSON NJ	307.7	APP	USERRECOR	D-01
Proposal causes no interference						

Analysis of Interference to Affected Station 10

Analysis of current record

Channel Call City/State Application Ref. No.
40 WNMN SARANAC LAKE NY BMPCDT -20091209ABD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km) Status		Application Ref. No.	
40	WGGB-TV	SPRINGFIELD MA	262.2	LIC	BLCDT	-20100702BBL
40	WDPX-TV	VINEYARD HAVEN MA	425.8	LIC	BLCDT	-20110615ABP
40	WXTV	PATERSON NJ	399.5	PLN	DTVPLN	-DTVP1444
41	WPBS-DT	WATERTOWN NY	138.2	LIC	BLEDT	-20050923AGH
41	WPBS-DT	WATERTOWN NY	138.2	CP	BPEDT	-20080619ABP
40	WXTV-DT	PATERSON NJ	403.4	APP	USERRECOR	D-01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 11

Analysis of current record

Channel Call City/State Application Ref. No.
41 WEDY NEW HAVEN CT BPEDT -20110512AAI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicati	on Ref. No.
40	WGGB-TV	SPRINGFIELD MA	103.7	LIC	BLCDT	-20100702BBL
40	WDPX-TV	VINEYARD HAVEN MA	216.8	LIC	BLCDT	-20110615ABP
40	WXTV	PATERSON NJ	111.1	PLN	DTVPLN	-DTVP1444
41	WEDY-DR	NEW HAVEN CT	0.0	APP	BPRM	-20090713ABS
41	WLVI	CAMBRIDGE MA	176.9	LIC	BLCDT	-20110325AAM
41	WUTB	BALTIMORE MD	397.6	LIC	BLCDT	-20100809CHT
41	WPBS-DT	WATERTOWN NY	364.1	LIC	BLEDT	-20050923AGH
41	WPBS-DT	WATERTOWN NY	364.1	CP	BPEDT	-20080619ABP
41	WVIA-TV	SCRANTON PA	248.2	LIC	BLEDT	-20120319AAB
42	WZME	BRIDGEPORT CT	17.6	APP	BPCDT	-20120601ARY
42	WZME	BRIDGEPORT CT	111.1	APP	BPCDT	-20120601ARY
42	WZME	BRIDGEPORT CT	17.6	LIC	BLCDT	-20061218ACB

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BPRM -20090706ABZ
BLCDT -20101217AAX
 42 WHDH-DR BOSTON MA
                                           177.6 APP
                                           177.6 APP
     WHDH BOSTON MA
WXTV-DT PATERSON NJ
 42
                                                          USERRECORD-01
                                           115.3 APP
 40
Total scenarios = 5
Result key: 11
Scenario 1 Affected station
                                          11
Before Analysis
Results for: 41A CT NEW HAVEN
                                         BPEDT 20110512AAI CP
  HAAT 94.0 m, ATV ERP 60.0 kW
  \begin{array}{ccc} & & \text{POPULATION} & \text{AREA (sq km)} \\ \text{within Noise Limited Contour} & & 3164616 & & 10631.3 \end{array}
                                                10631.3
                                      3079624
                                                   10231.0
  not affected by terrain losses
                                 0
774919
                                                  0.0
1949.3
   lost to NTSC IX
   lost to additional IX by ATV
   lost to ATV IX only
lost to all IX
                                       774919
                                                     1949.3
                                       774919
                                                    1949.3
 Potential Interfering Stations Included in above Scenario
                                        20100702BBL LIC
20110325AAM LIC
                             BLCDT
40A MA SPRINGFIELD
41A MA CAMBRIDGE
                             BLCDT
41A PA SCRANTON
                                        20120319AAB LIC
                            BLEDT
                            BLCDT 20061218A
DTVPLN DTVP1444
42A CT BRIDGEPORT
                                        20061218ACB LIC
40A NJ PATERSON
                                                      PLN
After Analysis
Results for: 41A CT NEW HAVEN
                                          BPEDT 20110512AAI CP
  POPULATION AREA (sq km) within Noise Limited Contour 3164616 10631.3 not affected by terrain losses 3079624 10021 10021
                                      0 0.0
774919 1949.3
774919 1949.3
774919 1040.2
                                       0
   lost to additional IX by ATV
   lost to ATV IX only
   lost to all IX
 Potential Interfering Stations Included in above Scenario
40A MA SPRINGFIELD
                             BLCDT
                                        20100702BBL LIC
41A MA CAMBRIDGE
                             BLCDT
                                        20110325AAM LIC
41A PA SCRANTON
                             BLEDT
                                        20120319AAB LIC
                             BLCDT
42A CT BRIDGEPORT
                                        20061218ACB LIC
40A NJ PATERSON
                             USERRECORD01
                                                     APP
Percent new IX = 0.0000%
Result key: 12
Scenario 2 Affected station 11
Before Analysis
                                        BPEDT
Results for: 41A CT NEW HAVEN
                                                     20110512AAT CP
  HAAT 94.0 m, ATV ERP 60.0 kW
  POPULATION AREA (sq km) within Noise Limited Contour 3164616 10631.3 not affected by terrain losses 3079624 10231.0
  not affected by terrain losses
                                      3079624
                                                   10231.0
   lost to NTSC IX
                                       0
                                                    0.0
   lost to additional IX by ATV
                                      2715057
                                                     8790.1
                                      2715057
   lost to ATV IX only
                                                 8790.1
                                      2715057
                                                    8790.1
   lost to all IX
 Potential Interfering Stations Included in above Scenario
                                        20100702BBL LIC
40A MA SPRINGFIELD
                             BLCDT
41A CT NEW HAVEN
                             BPRM
                                        20090713ABS APP
41A MA CAMBRIDGE
                             BLCDT
                                        20110325AAM LIC
41A PA SCRANTON
                            BLEDT
                                        20120319AAB LIC
42A CT BRIDGEPORT
                                        20120601ARY APP
                             BPCDT
                             DTVPLN DTVP1444
40A NJ PATERSON
                                                      PLN
After Analysis
Results for: 41A CT NEW HAVEN
                                         BPEDT 20110512AAI CP
   HAAT 94.0 m, ATV ERP 60.0 kW
                                  POPULATION AREA (sq km)
```

within Noise Limited Contour

10631.3

3164616

```
10231.0
  not affected by terrain losses 3079624
                                             0.0
  lost to NTSC IX 0
lost to additional IX by ATV 2715057
lost to ATV IX only 2715057
                                               8790.1
  lost to all IX
                                 2715057
                                               8790.1
 Potential Interfering Stations Included in above Scenario
40A MA SPRINGFIELD
                          BLCDT
                                    20100702BBL LIC
                                    20090713ABS APP
41A CT NEW HAVEN
                         BPRM
41A MA CAMBRIDGE
                          BLCDT
                                    20110325AAM LIC
                                    20120319AAB LIC
41A PA SCRANTON
                          BLEDT
                          BPCDT 20120601ARY APP
42A CT BRIDGEPORT
40A NJ PATERSON
                          USERRECORD01
Percent new IX = 0.0000%
Result key: 13
Scenario 3 Affected station
                                      11
Before Analysis
Results for: 41A CT NEW HAVEN
                                      BPEDT
                                                20110512AAI CP
  HAAT 94.0 m, ATV ERP 60.0 kW
  POPULATION AREA (sq km) within Noise Limited Contour 3164616 10631.3
  not affected by terrain losses
                                  3079624
                                              10231.0
                                             0.0
                                  0
2715057
  lost to NTSC IX
  lost to additional IX by ATV
                                  2715057
  lost to ATV IX only
                                               8790.1
  lost to all IX
                                  2715057
                                               8790.1
 Potential Interfering Stations Included in above Scenario
                                    20100702BBL LIC
40A MA SPRINGFIELD
                         BLCDT
                                    20090713ABS APP
20110325AAM LIC
41A CT NEW HAVEN
                          BPRM
41A MA CAMBRIDGE
                          BLCDT
                         BLEDT
41A PA SCRANTON
                                    20120319AAB LIC
42A CT BRIDGEPORT
                          BLCDT
                                    20061218ACB LIC
                         DTVPLN DTVP1444
40A NJ PATERSON
After Analysis
Results for: 41A CT NEW HAVEN
                                    BPEDT 20110512AAI CP
  HAAT 94.0 m, ATV ERP 60.0 kW
                              POPULATION AREA (sq km)
3164616
                                  3164616 10631.3
  within Noise Limited Contour
  not affected by terrain losses
                                  3079624
                                              10231.0
                                      0
                                               0.0
  lost to NTSC IX
                                  2715057
  lost to additional IX by ATV
                                               8790.1
  lost to ATV IX only
                                  2715057
                                               8790.1
                                  2715057
                                               8790.1
  lost to all IX
 Potential Interfering Stations Included in above Scenario
                                    20100702BBL LIC
40A MA SPRINGFIELD
                          BLCDT
                       BPRM
                                    20090713ABS APP
41A CT NEW HAVEN
                                    20110325AAM LIC
41A MA CAMBRIDGE
                          BLCDT
                         BLEDT 20120319AAB LIC
41A PA SCRANTON
                                    20061218ACB LIC
42A CT BRIDGEPORT
                          BLCDT
                          USERRECORD01
40A NJ PATERSON
                                                APP
Percent new IX = 0.0000%
Result key: 14
Scenario 4 Affected station 11
Before Analysis
Results for: 41A CT NEW HAVEN
                                     BPEDT 20110512AAI CP
  HAAT 94.0 m, ATV ERP 60.0 kW
  within Noise Limited Contour POPULATION 3164616
                                           AREA (sq km)
                                           10631.3
  not affected by terrain losses
                                  3079624
                                             10231.0
                                              0.0
  lost to NTSC IX
                                   0
                                  773991
  lost to additional IX by ATV
                                               1937.3
  lost to ATV IX only
                                             1937.3
1937.3
                                   773991
                                   773991
  lost to all IX
 Potential Interfering Stations Included in above Scenario
```

BLCDT

20100702BBL LIC

40A MA SPRINGFIELD

41A MA CAMBRIDGE 41A PA SCRANTON 42A CT BRIDGEPORT 40A NJ PATERSON	BLCDT BLEDT BPCDT DTVPLN	20110325AAM 20120319AAB 20120601ARY DTVP1444	LIC LIC APP PLN	
After Analysis				
Results for: 41A CT NEW HAV HAAT 94.0 m, ATV ERP	60.0 kW			CP
within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	losses	3079624	10231.0	
Potential Interfering Stat				4
40A MA SPRINGFIELD 41A MA CAMBRIDGE 41A PA SCRANTON 42A CT BRIDGEPORT 40A NJ PATERSON	BLCDT BLCDT BLEDT BPCDT USERRECO	20100702BBL 20110325AAM 20120319AAB 20120601ARY DRD01	LIC LIC LIC APP APP	
Percent new IX = 0.0000%	i			
Result key: 15 Scenario 5 Affected Before Analysis				
Results for: 41A CT NEW HAV HAAT 94.0 m, ATV ERP	'EN 60.0 kW	BPEDT OPULATION ARE	20110512AAI	CP
within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	itour losses	3164616 1 3079624 1	L0631.3 L0231.0	
Potential Interfering Stat	ions Incl	luded in above	Scenario	5
40A MA SPRINGFIELD 41A MA CAMBRIDGE 41A PA SCRANTON 42A CT BRIDGEPORT 40A NJ PATERSON	BLCDT BLCDT BLEDT BLCDT DTVPLN	20100702BBL 20110325AAM 20120319AAB 20061218ACB DTVP1444	LIC LIC LIC LIC PLN	
After Analysis				
Results for: 41A CT NEW HAV HAAT 94.0 m, ATV ERP		BPEDT	20110512AAI	CP
within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	P(itour losses	OPULATION ARE 3164616	10631.3	
Potential Interfering Stat	ions Incl	luded in above	Scenario	5
40A MA SPRINGFIELD 41A MA CAMBRIDGE 41A PA SCRANTON 42A CT BRIDGEPORT 40A NJ PATERSON	BLCDT BLCDT BLEDT BLCDT USERRECO	20110325AAM 20120319AAB 20061218ACB	LIC LIC	
Percent new IX = 0.0000%	ī			
Worst case new IX 0.0000	% Scenari	io 1		
***************************************	########	:############	:###########	+########

Analysis of Interference to Affected Station 12

Channel Call City/State Application Ref. No. 41 WEDY-DR NEW HAVEN CT BPRM -20090713ABS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicati	on Ref. No.
40	WGGB-TV	SPRINGFIELD MA	103.7	LIC	BLCDT	-20100702BBL
40	WDPX-TV	VINEYARD HAVEN MA	216.8	LIC	BLCDT	-20110615ABP
40	WXTV	PATERSON NJ	111.1	PLN	DTVPLN	-DTVP1444
41	WEDY	NEW HAVEN CT	0.0	CP	BPEDT	-20110512AAI
41	MIVI	CAMBRIDGE MA	176.9	LIC	BLCDT	-20110325AAM
41	WUTB	BALTIMORE MD	397.6	LIC	BLCDT	-20100809CHT
41	WPBS-DT	WATERTOWN NY	364.1	LIC	BLEDT	-20050923AGH
41	WPBS-DT	WATERTOWN NY	364.1	CP	BPEDT	-20080619ABP
41	WVIA-TV	SCRANTON PA	248.2	LIC	BLEDT	-20120319AAB
42	WZME	BRIDGEPORT CT	17.6	APP	BPCDT	-20120601ARY
42	WZME	BRIDGEPORT CT	111.1	APP	BPCDT	-20120601ARY
42	WZME	BRIDGEPORT CT	17.6	LIC	BLCDT	-20061218ACB
42	WHDH-DR	BOSTON MA	177.6	APP	BPRM	-20090706ABZ
42	WHDH	BOSTON MA	177.6	LIC	BLCDT	-20101217AAX
40	WXTV-DT	PATERSON NJ	115.3	APP	USERRECOR	D-01
Tota	l scenari	os = 2				

Result key: 16
Scenario 1 Affected station 12

Before Analysis

Results for: 41A CT NEW HAVEN BPRM 20090713ABS APP HAAT 88.0 m, ATV ERP 60.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3129168	10511.3
not affected by terrain losses	3050373	10123.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2685226	8690.1
lost to ATV IX only	2685226	8690.1
lost to all IX	2685226	8690.1

Potential Interfering Stations Included in above Scenario 1

40A	MA	SPRINGFIELD	BLCDT	20100702BBL	LIC
41A	CT	NEW HAVEN	BPEDT	20110512AAI	CP
41A	MA	CAMBRIDGE	BLCDT	20110325AAM	LIC
41A	PA	SCRANTON	BLEDT	20120319AAB	LIC
42A	CT	BRIDGEPORT	BLCDT	20061218ACB	LIC
40A	NJ	PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 41A CT NEW HAVEN BPRM 20090713ABS APP

HAAT 88.0 m, ATV ERP 60.0 kW

•	POPULATION	AREA (sq km)
within Noise Limited Contour	3129168	10511.3
not affected by terrain losses	3050373	10123.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2685226	8690.1
lost to ATV IX only	2685226	8690.1
lost to all IX	2685226	8690.1

Potential Interfering Stations Included in above Scenario 1

40A	MA	SPRINGFIELD	BLCDT	20100702BBL	LIC
41A	CT	NEW HAVEN	BPEDT	20110512AAI	CP
41A	MA	CAMBRIDGE	BLCDT	20110325AAM	LIC
41A	PA	SCRANTON	BLEDT	20120319AAB	LIC
42A	CT	BRIDGEPORT	BLCDT	20061218ACB	LIC
40A	NJ	PATERSON	USERRECORI	001	APP

Percent new IX = 0.0000%

Result key:

17 2 Affected station 12 Scenario

Before Analysis

Results for: 41A CT NEW HAVEN 20090713ABS APP BPRM HAAT 88.0 m, ATV ERP 60.0 kW

POPULATION within Noise Limited Contour 3129168 AREA (sq km) 10511.3 not affected by terrain losses 3050373 10123.0

```
lost to NTSC IX
                                      Ω
                                                0.0
  lost to additional IX by ATV
                                 2685226
                                              8690.1
  lost to ATV IX only
                                 2685226
                                              8690.1
  lost to all TX
                                              8690.1
                                 2685226
 Potential Interfering Stations Included in above Scenario
                                   20100702BBL LIC
40A MA SPRINGFIELD
                         BLCDT
41A CT NEW HAVEN
                         BPEDT
                                   20110512AAI CP
41A MA CAMBRIDGE
                         BLCDT
                                   20110325AAM LIC
41A PA SCRANTON
                         BLEDT
                                   20120319AAB LIC
                                   20120601ARY APP
42A CT BRIDGEPORT
                         BPCDT
40A NJ PATERSON
                         DTVPLN
                                  DTVP1444
                                               PT.N
After Analysis
Results for: 41A CT NEW HAVEN
                                     BPRM
                                               20090713ABS APP
  HAAT 88.0 m, ATV ERP 60.0 kW
                             POPULATION AREA (sq km)
3129168 10511.3
  within Noise Limited Contour
                                           10511.3
  not affected by terrain losses
                                 3050373
                                             10123.0
  lost to NTSC IX
                                    0
                                                0.0
                                 2685226
  lost to additional IX by ATV
                                              8690.1
  lost to ATV IX only
                                 2685226
                                              8690.1
  lost to all IX
                                 2685226
                                              8690.1
 Potential Interfering Stations Included in above Scenario
40A MA SPRINGFIELD
                         BLCDT
                                   20100702BBL LIC
41A CT NEW HAVEN
                         BPEDT
                                   20110512AAI CP
                                   20110325AAM LIC
41A MA CAMBRIDGE
                         BLCDT
                                   20120319AAB LIC
41A PA SCRANTON
                         BLEDT
42A CT BRIDGEPORT
                         BPCDT
                                   20120601ARY APP
40A NJ PATERSON
                         USERRECORD01
Percent new IX = 0.0000%
Worst case new IX
                 0.0000% Scenario
Analysis of Interference to Affected Station 13
Analysis of current record
Channel Call
                        City/State
                                         Application Ref. No.
                    SCRANTON PA
                                            BLEDT -20120319AAB
          WVIA-TV
  41
    Stations Potentially Affecting This Station
Chan
               City/State
                                   Dist(km) Status Application Ref. No.
     Call
 40
    WNUV
             BALTIMORE MD
                                      215.5 LIC
                                                   BMLCDT -20110131ASB
 40
     WXTV
             PATERSON NJ
                                      165.4 PLN
                                                   DTVPLN
                                                            -DTVP1444
 41
    WEDY
            NEW HAVEN CT
                                      248.2 CP
                                                   BPEDT
                                                            -20110512AAI
41
    WEDY-DR NEW HAVEN CT
                                      248.2 APP
                                                   BPRM
                                                            -20090713ABS
    WLVI
 41
             CAMBRIDGE MA
                                      405.4 LIC
                                                   BLCDT
                                                            -20110325AAM
 41
             BALTIMORE MD
                                      223.7 LIC
                                                   BLCDT
                                                            -20100809CHT
    WUTB
                                      298.2 LIC
 41
     WPBS-DT WATERTOWN NY
                                                   BLEDT
                                                            -20050923AGH
     WPBS-DT WATERTOWN NY
                                      298.2 CP
                                                            -20080619ABP
 41
                                                   BPEDT
     WKBN-TV YOUNGSTOWN OH
 41
                                     400.0 LIC
                                                   BLCDT
                                                            -20120224AAD
 42
     WZME
             BRIDGEPORT CT
                                     165.4 APP
                                                   BPCDT
                                                            -20120601ARY
     WSKG-TV BINGHAMTON NY
 42
                                      97.9 LIC
                                                   BLEDT
                                                            -20050526ACA
     WTXF-TV PHILADELPHIA PA
                                     137.6 LIC
                                                   BLCDT
                                                            -20120511ADN
 42
     WXTV-DT PATERSON NJ
 40
                                      164.4 APP
                                                   USERRECORD-01
     WZME BRIDGEPORT CT
                                                   BPCDT
                                                         -20120601ARY
                                            APP
 Total scenarios = 6
Result key:
               18
            1 Affected station
                                      13
Scenario
Before Analysis
Results for: 41A PA SCRANTON
                                     BLEDT
                                              20120319AAB LIC
  HAAT 510.0 m, ATV ERP 365.0 kW
                               POPULATION
                                           AREA (sq km)
  within Noise Limited Contour
                                 2848395
                                             34010.9
  not affected by terrain losses
                                 2288704
                                             28141.4
```

0.0

0

lost to NTSC IX

```
1193.9
1193.9
   lost to additional IX by ATV
                                    74147
   lost to ATV IX only
                                     74147
   lost to all IX
                                     74147
                                                1193.9
 Potential Interfering Stations Included in above Scenario
41A CT NEW HAVEN
                          BPEDT
                                    20110512AAI CP
                                    20100809CHT LIC
20050923AGH LIC
41A MD BALTIMORE
                          BLCDT
41A NY WATERTOWN
                          BLEDT
                                    20050526ACA LIC
42A NY BINGHAMTON
                         BLEDT
                                    20120511ADN LIC
42A PA PHILADELPHIA
                          BLCDT
                        BLCDT 2011
DTVPLN DTVP1444
40A NJ PATERSON
                                                 PLN
After Analysis
Results for: 41A PA SCRANTON
                                     BLEDT 20120319AAB LIC
  HAAT 510.0 m, ATV ERP 365.0 kW
                              POPULATION AREA (sq km)
                                            34010.9
28141.4
   within Noise Limited Contour
                                   2848395
  not affected by terrain losses
                                   2288704
                                    0
                                               0.0
   lost to NTSC IX
   lost to additional IX by ATV
                                     74147
                                                1193.9
   lost to ATV IX only
                                     74147
                                                1193.9
                                                1193.9
   lost to all IX
                                    74147
 Potential Interfering Stations Included in above Scenario
                          BPEDT
41A CT NEW HAVEN
                                    20110512AAI CP
                          BLCDT
41A MD BALTIMORE
                                    20100809CHT LIC
41A NY WATERTOWN
                           BLEDT
                                    20050923AGH LIC
42A NY BINGHAMTON
                                    20050526ACA LIC
                         BLEDT
                                    20120511ADN LIC
42A PA PHILADELPHIA
                          BLCDT
                          USERRECORD01
40A NJ PATERSON
                                                 APP
Percent new IX = 0.0000%
               19
Result key: 19
Scenario 2 Affected station 13
Result key:
Before Analysis
Results for: 41A PA SCRANTON
                                     BLEDT 20120319AAB LIC
  HAAT 510.0 m, ATV ERP 365.0 kW
  POPULATION AREA (sq km) within Noise Limited Contour 2848395 34010.9
                                            34010.9
28141.4
   not affected by terrain losses
                                  2288704
   lost to NTSC IX
                                      0
                                                0.0
   lost to additional IX by ATV
                                     74173
                                                1197.9
   lost to ATV IX only
                                              1197.9
1197.9
                                    74173
   lost to all IX
                                    74173
 Potential Interfering Stations Included in above Scenario
                                    20110512AAI CP
20100809CHT LIC
41A CT NEW HAVEN
                          BPEDT
41A MD BALTIMORE
                          BLCDT
                          BPEDT
                                    20080619ABP CP
41A NY WATERTOWN
                         BLEDT
                                    20050526ACA LIC
42A NY BINGHAMTON
42A PA PHILADELPHIA
                          BLCDT
                                    20120511ADN LIC
                         DTVPLN DTVP1444
40A NJ PATERSON
After Analysis
                                      BLEDT 20120319AAB LIC
Results for: 41A PA SCRANTON
  HAAT 510.0 m, ATV ERP 365.0 kW
                               POPULATION AREA (sq km)
                                            34010.9
28141.4
   within Noise Limited Contour
                                2848395
   not affected by terrain losses
                                   2288704
   lost to NTSC IX
                                       0
                                               0.0
   lost to additional IX by ATV
                                     74173
                                                1197 9
                                    74173
                                             1197.9
1197.9
   lost to ATV IX only
   lost to all IX
                                    74173
 Potential Interfering Stations Included in above Scenario
41A CT NEW HAVEN
                           BPEDT
                                    20110512AAI CP
                                    20100809CHT LIC
20080619ABP CP
41A MD BALTIMORE
                          BLCDT
41A NY WATERTOWN
                          BPEDT
42A NY BINGHAMTON
                          BLEDT
                                    20050526ACA LIC
42A PA PHILADELPHIA
                           BLCDT
                                    20120511ADN LIC
                          USERRECORD01
40A NJ PATERSON
```

APP

Percent new IX = 0.0000%

Result key: 20 Scenario 3 Affected station 13

Before Analysis

Results for: 41A PA SCRANTON
HAAT 510.0 m, ATV ERP 365.0 kW BLEDT 20120319AAB LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	2848395	34010.9
not affected by terrain losses	2288704	28141.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	74147	1193.9
lost to ATV IX only	74147	1193.9
lost to all IX	74147	1193.9

Potential Interfering Stations Included in above Scenario 3

41A	CT	NEW HAVEN	BPEDT	20110512AAI	CP
41A	CT	NEW HAVEN	BPRM	20090713ABS	APP
41A	MD	BALTIMORE	BLCDT	20100809CHT	LIC
41A	NY	WATERTOWN	BLEDT	20050923AGH	LIC
42A	NY	BINGHAMTON	BLEDT	20050526ACA	LIC
42A	PΑ	PHILADELPHIA	BLCDT	20120511ADN	LIC
40A	NJ	PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 41A PA SCRANTON BLEDT 20120319AAB LIC

HAAT 510.0 m, ATV ERP 365.0 kW

HAAT 510.0 m, ATV ERP 365.	J KW	
	POPULATION AREA (sq km)	
within Noise Limited Contour	2848395 34010.9	
not affected by terrain loss	es 2288704 28141.4	
lost to NTSC IX	0 0.0	
lost to additional IX by ATV	74147 1193.9	
lost to ATV IX only	74147 1193.9	
lost to all IX	74147 1193.9	

Potential Interfering Stations Included in above Scenario 3

41A	CT	NEW HAVEN	BPEDT	20110512AAI	CP
41A	CT	NEW HAVEN	BPRM	20090713ABS	APP
41A	MD	BALTIMORE	BLCDT	20100809CHT	LIC
41A	NY	WATERTOWN	BLEDT	20050923AGH	LIC
42A	NY	BINGHAMTON	BLEDT	20050526ACA	LIC
42A	PA	PHILADELPHIA	BLCDT	20120511ADN	LIC
40A	NJ	PATERSON	USERRECORI	001	APP

Percent new IX = 0.0000%

Result key: 21 Scenario 4 Affected station 13

Before Analysis

Results for: 41A PA SCRANTON BLEDT 20120319AAB LIC HAAT 510.0 m, ATV ERP 365.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2848395	34010.9
not affected by terrain losses	2288704	28141.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	74173	1197.9
lost to ATV IX only	74173	1197.9
lost to all IX	74173	1197.9

Potential Interfering Stations Included in above Scenario 4

41A CT	NEW HAVEN	BPEDT	20110512AAI	CP
41A CT	NEW HAVEN	BPRM	20090713ABS	APP
41A MD	BALTIMORE	BLCDT	20100809CHT	LIC
41A NY	WATERTOWN	BPEDT	20080619ABP	CP
42A NY	BINGHAMTON	BLEDT	20050526ACA	LIC
42A PA	PHILADELPHIA	BLCDT	20120511ADN	LIC
40A NJ	PATERSON	DTVPLN	DTVP1444	PLN

After Analysis

Results for: 41A PA SCRANTON BLEDT 20120319AAB LIC HAAT 510.0 m, ATV ERP 365.0 kW

```
not affected by terrain losses 2288704
                                               28141.4
   lost to NTSC IX
                                                0.0
   lost to additional IX by ATV
                                     74173
                                                 1197.9
                                     74173
   lost to ATV IX only
                                                 1197.9
   lost to all IX
                                     74173
                                                 1197.9
 Potential Interfering Stations Included in above Scenario
41A CT NEW HAVEN
                           BPEDT
                                     20110512AAI CP
41A CT NEW HAVEN
                                     20090713ABS APP
                           BPRM
41A MD BALTIMORE
                           BLCDT
                                     20100809CHT LIC
                                     20080619ABP CP
41A NY WATERTOWN
                           BPEDT
                                  20050526ACA LIC
42A NY BINGHAMTON
                           BLEDT
42A PA PHILADELPHIA
                           BLCDT
                                     20120511ADN LIC
40A NJ PATERSON
                           USERRECORD01
Percent new IX = 0.0000%
Result key: 22
Scenario 5 Affected station
                                        13
Before Analysis
                                    BLEDT 20120319AAB LIC
Results for: 41A PA SCRANTON
  HAAT 510.0 m, ATV ERP 365.0 kW
                                POPULATION
                                             AREA (sq km)
   within Noise Limited Contour
                                              34010.9
                                  2848395
   not affected by terrain losses
                                   2288704
                                               28141.4
   lost to NTSC IX
                                       0
                                                0.0
                                     74147
                                                 1193.9
   lost to additional IX by ATV
   lost to ATV IX only
                                     74147
                                                 1193.9
   lost to all IX
                                     74147
                                                 1193.9
 Potential Interfering Stations Included in above Scenario
                                     20110512AAI CP
20100809CHT LIC
41A CT NEW HAVEN
                           BPEDT
41A MD BALTIMORE
                           BLCDT
                          BLEDT
41A NY WATERTOWN
                                     20050923AGH LIC
42A NY BINGHAMTON
                           BLEDT
                                     20050526ACA LIC
                          BLCDT
                                     20120511ADN LIC
42A PA PHILADELPHIA
40A NJ PATERSON
                           DTVPLN DTVP1444
                                                  PLN
After Analysis
                                      BLEDT 20120319AAB LIC
Results for: 41A PA SCRANTON
  HAAT 510.0 m, ATV ERP 365.0 kW
  \begin{array}{ccc} & & \text{POPULATION} & \text{AREA (sq km)} \\ \text{within Noise Limited Contour} & 2848395 & 34010.9 \end{array}
                                             34010.9
                                   2288704
                                                28141.4
  not affected by terrain losses
   lost to NTSC IX
                                     0
                                                0.0
   lost to additional IX by ATV
                                     74147
                                                 1193.9
   lost to ATV IX only
                                     74147
                                                 1193.9
   lost to all IX
                                     74147
                                                 1193.9
 Potential Interfering Stations Included in above Scenario
                                     20110512AAI CP
20100809CHT LIC
                           BPEDT
41A CT NEW HAVEN
41A MD BALTIMORE
                           BLCDT
41A NY WATERTOWN
                                     20050923AGH LIC
                           BLEDT
                                  20050526ACA LIC
20120511ADN LIC
42A NY BINGHAMTON
                           BLEDT
42A PA PHILADELPHIA
                           BLCDT
                           USERRECORD01
40A NJ PATERSON
                                                  APP
Percent new IX = 0.0000%
               23
Result key:
Scenario
               6 Affected station
Before Analysis
Results for: 41A PA SCRANTON
                                      BLEDT 20120319AAB LIC
  HAAT 510.0 m, ATV ERP 365.0 kW
                              POPULATION
                                             AREA (sq km)
                                   2848395
                                              34010.9
   within Noise Limited Contour
   not affected by terrain losses
                                   2288704
                                                28141.4
                                                0.0
   lost to NTSC IX
                                       0
   lost to additional IX by ATV
                                     74173
                                                 1197.9
   lost to ATV IX only
                                     74173
                                                 1197.9
   lost to all IX
                                     74173
                                                1197.9
```

Potential Interfering Stations Included in above Scenario

```
41A CT NEW HAVEN
                       BPEDT
BLCDT
                                   20110512AAI CP
41A MD BALTIMORE
                                   20100809CHT LIC
41A NY WATERTOWN
                         BPEDT
                                   20080619ABP CP
42A NY BINGHAMTON
                                   20050526ACA LIC
                         BLEDT
42A PA PHILADELPHIA
                        BLCDT
                                   20120511ADN LIC
40A NJ PATERSON
                         DTVPLN
                                  DTVP1444
                                               PLN
After Analysis
Results for: 41A PA SCRANTON
                                     BLEDT 20120319AAB LIC
  HAAT 510.0 m, ATV ERP 365.0 kW
                             POPULATION AREA (sq km)
                                           34010.9
  within Noise Limited Contour
                                 2848395
  not affected by terrain losses
                                 2288704
                                             28141.4
  lost to NTSC IX
                                   0
                                             0.0
                                              1197.9
  lost to additional IX by ATV
                                   74173
                                           1197.9
  lost to ATV IX only
                                   74173
  lost to all IX
                                   74173
 Potential Interfering Stations Included in above Scenario
41A CT NEW HAVEN
                         BPEDT
                                   20110512AAI CP
                                   20100809CHT LIC
41A MD BALTIMORE
                         BLCDT
41A NY WATERTOWN
                         BPEDT
                                   20080619ABP CP
42A NY BINGHAMTON
                         BLEDT
                                   20050526ACA LIC
42A PA PHILADELPHIA
                                   20120511ADN LIC
                         BLCDT
40A NJ PATERSON
                         USERRECORD01
                                              APP
Percent new IX = 0.0000%
Worst case new IX 0.0000% Scenario
Analysis of Interference to Affected Station 14
Analysis of current record
                        City/State
                                         Application Ref. No.
Channel
          Call
          WXTV-DT
                                            USERRECORD-01
  40
                    PATERSON NJ
    Stations Potentially Affecting This Station
Chan Call
               City/State
                                  Dist(km) Status Application Ref. No.
 39
     WCTX
             NEW HAVEN CT
                                   118.9 LIC BLCDT -20040507AAZ
 39 WLVT-TV ALLENTOWN PA
                                      121.4 LIC
                                                  BLEDT
                                                            -20090605ABD
40 WGGB-TV SPRINGFIELD MA
40 WDPX-TV VINEYARD HAVEN MA
                                    204.4 LIC
325.2 LIC
                                                  BLCDT
                                                           -20100702BBL
                                                   BLCDT
                                                            -20110615ABP
 40 WNUV BALTIMORE MD
                                      271.6 LIC
                                                   BMLCDT
                                                            -20110131ASB
 40
     WNMN
             SARANAC LAKE NY
                                      403.4 CP MOD BMPCDT
                                                            -20091209ABD
            NEW HAVEN CT
                                      115.3 CP BPEDT
     WEDY
                                                            -20110512AAI
 41
    WEDY-DR NEW HAVEN CT
WVIA-TV SCRANTON PA
 41
                                      115.3 APP
                                                   BPRM
                                                            -20090713ABS
                                      164.4 LIC
                                                  BLEDT
                                                            -20120319AAB
 41
Total scenarios = 3
Result key:
               24
Result key: 24
Scenario 1 Affected station
                                     14
Before Analysis
Results for: 40A NJ PATERSON
                                    USERRECORD01
                                                           APP
  HAAT 519.0 m, ATV ERP 177.0 kW
  within Noise Limited Contour POPULATION 20155983
                                           AREA (sq km)
                                           31029.0
  not affected by terrain losses 19769988
                                             28897.1
                                             0.0
  lost to NTSC IX
                                     Ω
                                               770.5
  lost to additional IX by ATV
                                  134874
  lost to ATV IX only
                                  134874
                                               770.5
  lost to all IX
                                  134874
 Potential Interfering Stations Included in above Scenario
39A CT NEW HAVEN
                         BLCDT
                                   20040507AAZ LIC
                                   20090605ABD LIC
39A PA ALLENTOWN
                         BLEDT
40A MA SPRINGFIELD
                         BLCDT
                                   20100702BBL LIC
40A MA VINEYARD HAVEN
                         BLCDT
                                   20110615ABP
40A MD BALTIMORE
                                   20110131ASB LIC
                         BMLCDT
```

20110512AAI CP

BPEDT

41A CT NEW HAVEN

Result key: 25 Scenario 2 Affected station 14

Before Analysis

Results for: 40A NJ PATERSON USERRECORD01 APP HAAT 519.0 m, ATV ERP 177.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 20155983 31029.0 31029.0 28897.1 not affected by terrain losses 19769988 0.0 134874 lost to NTSC IX lost to additional IX by ATV 770.5 lost to ATV IX only 770.5 134874 lost to all IX 134874 770.5

Potential Interfering Stations Included in above Scenario

BLCDT 20040507AAZ LIC
39A PA ALLENTOWN BLEDT 20090605ABD LIC
40A MA SPRINGFIELD BLCDT 20100702BBL LIC
40A MA VINEYARD HAVEN BLCDT 20110615ABP LIC
40A MD BALTIMORE BMLCDT 20110131ASB LIC
41A CT NEW HAVEN BPEDT 20110131ASB BLCDT 20110615ABP LIC BMLCDT 20110131ASB LIC BPEDT 20110512AAI CP BPRM 20090713355 41A CT NEW HAVEN

Result key: 26 Scenario 3 Affected station 14

Before Analysis

HAAT 519.0 m, ATV ERP 177.0 kW Results for: 40A NJ PATERSON APP

HAAT 519.0 m, ATV ERP 177.0 k	ΣW	
	POPULATION	AREA (sq km)
within Noise Limited Contour	20155983	31029.0
not affected by terrain losses	19769988	28897.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	134874	770.5
lost to ATV IX only	134874	770.5
lost to all IX	134874	770.5

Potential Interfering Stations Included in above Scenario 3

39A	СТ	NEW HAVEN	BLCDT	20040507AAZ	LIC
39A	PΑ	ALLENTOWN	BLEDT	20090605ABD	LIC
40A	MA	SPRINGFIELD	BLCDT	20100702BBL	LIC
40A	MA	VINEYARD HAVEN	BLCDT	20110615ABP	LIC
40A	MD	BALTIMORE	BMLCDT	20110131ASB	LIC
41A	CT	NEW HAVEN	BPEDT	20110512AAI	CP

FINISHED FINISHED FINISHED FINISHED FINISHED

APPENDIX D

STATION D ALLOCATION ANALYSIS

Percent allowed new interference: 0.500

Percent allowed new interference to non Class A LPTV: 2.000

TW Census data selected 2000 Data Base Selected

/export/home/cdbs/pt_tvdb.sff

WARNING WARNING WARNING

The following list of station records has been excluded from the analysis due to the fact that they have the same state, city and channel as the proposed station - This could cause the program to not find a potential fail situation

You can force the program to include these records by setting the state of the proposed record to ${\tt ZZ}$ and re-running the analysis

WABC-TV	07	NEW	YORK	NY	BMPCDT	20080620AMV
WABC-TV	07	NEW	YORK	NY	BPCDT	20120216ADO
WABC-TV	07	NEW	YORK	NY	BMPCDT	20080620AMV
WABC-TV	07	NEW	YORK	NY	BPCDT	20120216ADO
WABC-TV	07	NEW	YORK	NY	BLCDT	20110503ACF

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-27-2012 Time: 08:42:12

Record Selected for Analysis

WABC-DT USERRECORD-01 NEW YORK NY US Channel 07 ERP 21.4 kW HAAT 507. m RCAMSL 00518 m Latitude 040-42-46 Longitude 0074-00-49 Status APP Zone 1 Border Site number: 01 Last update Cutoff date Docket

Comments Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility (site # 01) does not meet maximum height/power limits Channel 7 ERP = 21.40 HAAT = 507.

Site number	1		
Azimuth	ERP	HAAT	36.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	21.400	499.9	113.4
45.0	21.400	517.1	114.3
90.0	21.400	496.4	113.3
135.0	21.400	507.9	113.9
180.0	21.400	510.8	114.0
225.0	21.400	507.6	113.8
270.0	21.400	509.3	113.9
315.0	21.400	504.6	113.7

Evaluation toward Class A Stations from site # 01

Contour overlap to Class A station

W07BV 7 WILKES-BARRE, ETC. PA BLTVL 19930202IE

Class A Evaluation Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance

Distance to border = 397.6km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

ARN

Proposed Station

Channel Call City/State

WABC-DT NEW YORK NY USERRECORD01 07

Stations Potentially Affected by Proposed Station

Chan	Call	City/State		Dist(km)	Status	Applicati	on Ref. No.
07	WJLA-TV	WASHINGTON DC		326.9	LIC	BLCDT	20110706ABC
07	WXXA-TV	ALBANY NY		212.6	LIC	BLCDT	20051222AAQ
07	WXXA-TV	ALBANY NY		212.6	APP	BPCDT	20120123AOB
07	WBNG-TV	BINGHAMTON NY		220.2	LIC	BLCDT	20060329ACH
07	WBNG-TV	BINGHAMTON NY		220.2	APP	BPCDT	20120717AAC
07	WWNY-TV	CARTHAGE NY		386.8	LIC	BLCDT	20090622AGM
07	WWNY-TV	CARTHAGE NY		386.8	CP	BPCDT	20120224ABL
07	W07BV	WILKES-BARRE, ETC.	PA	160.9	LIC	BLTVL	19930202IE
08	WNJB	NEW BRUNSWICK NJ		42.6	LIC	BLEDT	20110427ABF
08	WICZ-TV	BINGHAMTON NY		219.6	LIC	BLCDT	20060320AFC

Analysis of Interference to Affected Station 1

Analysis of current record

City/State Channel Call Application Ref. No. WASHINGTON DC BLCDT -20110706ABC 0.7 WJLA-TV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
07	WBNG-TV	BINGHAMTON NY	358.4	LIC	BLCDT	-20060329ACH
07	WBNG-TV	BINGHAMTON NY	358.4	APP	BPCDT	-20120717AAC
07	WABC-TV	NEW YORK NY	326.8	PLN	DTVPLN	-DTVP0086
07	WBBZ-TV	SPRINGVILLE NY	425.2	LIC	BLCDT	-20100525AEW
07	WTPC-TV	VIRGINIA BEACH VA	243.4	LIC	BLCDT	-20090615ADP
07	WTRF-TV	WHEELING WV	338.3	LIC	BLCDT	-20090227ABV
8 0	WWCP-TV	JOHNSTOWN PA	224.1	LIC	BLCDT	-20090413AEM
8 0	WGAL	LANCASTER PA	126.8	APP	BPCDT	-20110516ACI
8 0	WGAL	LANCASTER PA	126.8	LIC	BLCDT	-20110323ABF
07	WABC-DT	NEW YORK NY	326.9	APP	USERRECORI	D-01

Total scenarios = 4

Result key:

1 1 Affected station 1 Scenario

Before Analysis

BLCDT 20110706ABC LIC Results for: 7A DC WASHINGTON HAAT 236.0 m, ATV ERP 52.0 kW

POPULATION AREA (sq km) 32752.2 30355.9 within Noise Limited Contour 7914337 not affected by terrain losses 7614891 lost to NTSC IX 0.0 Ω 46905 880.1 lost to additional IX by ATV lost to ATV IX only 46905 880.1 lost to all IX 46905 880.1

Potential Interfering Stations Included in above Scenario

7A NY BINGHAMTON 20060329ACH LIC 7A VA VIRGINIA BEACH BLCDT 20090615ADP LIC

```
BLCDT 20090227ABv LIC
BLCDT 20110323ABF LIC
DTVPLN DTVP0086 PLN
 7A WV WHEELING
 8A PA LANCASTER
 7A NY NEW YORK
After Analysis
Results for: 7A DC WASHINGTON
                                      BLCDT 20110706ABC LIC
  HAAT 236.0 m, ATV ERP 52.0 kW
  POPULATION AREA (sq km) within Noise Limited Contour 7914337 32752.2
  not affected by terrain losses
                                    7614891
                                                 30355.9
                                  0
                                               0.0
   lost to NTSC IX
                                      50654
   lost to additional IX by ATV
                                                   936.1
   lost to ATV IX only
                                      50654
                                                   936.1
   lost to all IX
                                      50654
                                                  936.1
 Potential Interfering Stations Included in above Scenario 1
 7A NY BINGHAMTON
                            BLCDT
                                      20060329ACH LIC
 7A VA VIRGINIA BEACH
                                      20090615ADP LIC
                           BLCDT
                                   20090227ABV LIC
20110323ABF LIC
 7A WV WHEELING
                           BLCDT
 8A PA LANCASTER
                            BLCDT
                           USERRECORD01
 7A NY NEW YORK
Percent new IX = 0.0495%
Result key: 2
Scenario 2 Affected station 1
Before Analysis
Results for: 7A DC WASHINGTON
                                      BLCDT 20110706ABC LIC
  HAAT 236.0 m, ATV ERP 52.0 kW
  within Noise Limited Contour \begin{tabular}{ll} POPULATION & AREA (sq km) \\ 7914337 & 32752.2 \end{tabular}
                                              32752.2
                                                30355.9
  not affected by terrain losses
                                    7614891
                                                0.0
   lost to NTSC IX
                                     0
                                      55481
   lost to additional IX by ATV
                                                   968.1
   lost to ATV IX only
                                      55481
                                                   968.1
  lost to all IX
                                      55481
 Potential Interfering Stations Included in above Scenario
 7A NY BINGHAMTON
7A VA VIRGINIA BEACH
BLCDT
BLCDT
                                      20060329ACH LIC
                                      20090615ADP LIC
                                      20090227ABV LIC
                                      20110516ACI APP
 8A PA LANCASTER
                           BPCDT
 7A NY NEW YORK
                           DTVPLN DTVP0086
After Analysis
Results for: 7A DC WASHINGTON
                                       BLCDT 20110706ABC LIC
  HAAT 236.0 m, ATV ERP 52.0 kW
  within Noise Limited Contour 7914337 32752.2 not affected by terrain losses 7614891 30355.9
   lost to NTSC IX
                                                 0.0
                                     0
   lost to additional IX by ATV
                                      58731
                                                  1016.1
                                      58731 1016.1
   lost to ATV IX only
   lost to all IX
                                      58731
                                                1016.1
 Potential Interfering Stations Included in above Scenario
 7A NY BINGHAMTON
                            BLCDT
                                      20060329ACH LIC
                                      20090615ADP LIC
20090227ABV LIC
 7A VA VIRGINIA BEACH
                           BLCDT
 7A WV WHEELING
8A PA LANCASTER
                           BLCDT
                           BPCDT 20110516ACI APP
 8A PA LANCASTER
 7A NY NEW YORK
                            USERRECORD01
                                                   APP
Percent new IX = 0.0430%
Result key: 3
Scenario 3 Affected station
Before Analysis
                                      BLCDT
Results for: 7A DC WASHINGTON
                                               20110706ABC LIC
  HAAT 236.0 m, ATV ERP 52.0 kW
                                 POPULATION
                                             AREA (sq km)
                                              32752.2
   within Noise Limited Contour
                                    7914337
  not affected by terrain losses 7614891
                                                 30355.9
```

0

0.0

lost to NTSC IX

```
lost to additional IX by ATV
                                     55620
                                                  976.1
   lost to ATV IX only
                                     55620
                                                  976.1
   lost to all IX
                                     55620
                                                  976.1
 Potential Interfering Stations Included in above Scenario
 7A NY BINGHAMTON
                           BPCDT
                                     20120717AAC APP
 7A VA VIRGINIA BEACH
                          BLCDT
                                     20090615ADP LIC
 7A WV WHEELING
                           BLCDT
                                     20090227ABV LIC
 8A PA LANCASTER
                                     20110516ACI APP
                          BPCDT
 7A NY NEW YORK
                           DTVPLN
                                    DTVP0086
After Analysis
Results for: 7A DC WASHINGTON
                                      BLCDT 20110706ABC LIC
  HAAT 236.0 m, ATV ERP 52.0 kW
                                POPULATION AREA (sq km)
                                   7914337
                                             32752.2
   within Noise Limited Contour
  not affected by terrain losses
                                   7614891
                                                30355.9
   lost to NTSC IX
                                       0
                                                0.0
   lost to additional IX by ATV
                                     58804
                                                1020.1
   lost to ATV IX only
                                     58804
                                                 1020.1
  lost to all IX
                                     58804
                                                1020.1
 Potential Interfering Stations Included in above Scenario
                           BPCDT
 7A NY BINGHAMTON
                                     20120717AAC APP
                                     20090615ADP LIC
 7A VA VIRGINIA BEACH
                           BLCDT
 7A WV WHEELING
                           BLCDT
                                     20090227ABV LIC
 8A PA LANCASTER
                           BPCDT
                                     20110516ACI APP
 7A NY NEW YORK
                           USERRECORD01
                                                 APP
Percent new IX = 0.0421%
Result kev:
             4 Affected station
Scenario
Before Analysis
Results for: 7A DC WASHINGTON
                                      BLCDT
                                                 20110706ABC LIC
  HAAT 236.0 m, ATV ERP 52.0 kW
  \begin{array}{ccc} & & \text{POPULATION} & \text{AREA (sq km)} \\ \text{within Noise Limited Contour} & 7914337 & 32752.2 \end{array}
                                             32752.2
  not affected by terrain losses
                                   7614891
                                                30355.9
                                 0
   lost to NTSC IX
                                                  0.0
                                     47044
   lost to additional IX by ATV
                                                  888.1
   lost to ATV IX only
                                     47044
                                                  888.1
   lost to all IX
                                     47044
                                                 888.1
 Potential Interfering Stations Included in above Scenario
                           BPCDT
 7A NY BINGHAMTON
                                     20120717AAC APP
 7A VA VIRGINIA BEACH
                                     20090615ADP LIC
                           BLCDT
 7A WV WHEELING
                           BLCDT
                                     20090227ABV LIC
 8A PA LANCASTER
                           BLCDT
                                     20110323ABF
 7A NY NEW YORK
                           DTVPLN DTVP0086
After Analysis
Results for: 7A DC WASHINGTON
                                       BLCDT 20110706ABC LIC
  HAAT 236.0 m, ATV ERP 52.0 kW
                              POPULATION AREA (sq km)
                                             32752.2
   within Noise Limited Contour
                                   7914337
  not affected by terrain losses
                                   7614891
                                                30355.9
   lost to NTSC IX
                                                  0.0
                                       0
                                     50727
   lost to additional IX by ATV
                                                  940.1
   lost to ATV IX only
                                     50727
                                                  940.1
   lost to all IX
                                     50727
                                                  940.1
 Potential Interfering Stations Included in above Scenario
 7A NY BINGHAMTON
                           BPCDT
                                     20120717AAC APP
 7A VA VIRGINIA BEACH
                                     20090615ADP LIC
                           BLCDT
                                     20090227ABV LIC
 7A WV WHEELING
                           BLCDT
 8A PA LANCASTER
                           BLCDT
                                     20110323ABF LIC
 7A NY NEW YORK
                           USERRECORD01
                                                  APP
Percent new IX = 0.0487%
```

Worst case new IX 0.0495% Scenario

Analysis of Interference to Affected Station 2

Analysis of current record
City/State Application Ref. No. 07 WXXA-TV ALBANY NY BLCDT -20051222AAQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
07	WBNG-TV	BINGHAMTON NY	171.5	LIC	BLCDT	-20060329ACH
07	WBNG-TV	BINGHAMTON NY	171.5	APP	BPCDT	-20120717AAC
07	WWNY-TV	CARTHAGE NY	202.8	LIC	BLCDT	-20090622AGM
07	WWNY-TV	CARTHAGE NY	202.8	CP	BPCDT	-20120224ABL
07	WABC-TV	NEW YORK NY	212.7	PLN	DTVPLN	-DTVP0086
07	WBBZ-TV	SPRINGVILLE NY	385.6	LIC	BLCDT	-20100525AEW
8 0	WNJB	NEW BRUNSWICK NJ	226.5	LIC	BLEDT	-20110427ABF
8 0	WICZ-TV	BINGHAMTON NY	171.0	LIC	BLCDT	-20060320AFC
07	WABC-DT	NEW YORK NY	212.6	APP	USERRECORI	0-01

Total scenarios = 4

Result key: 5
Scenario 1 Affected station 2

Before Analysis

Results for: 7A NY ALBANY BLCDT 20051222AAQ LIC

HAAT 434.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1642431	32762.3
not affected by terrain losses	1504992	27580.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14729	1282.4
lost to ATV IX only	14729	1282.4
lost to all IX	14729	1282.4

Potential Interfering Stations Included in above Scenario

7A	NY	BINGHAMTON	BLCDT	20060329ACH	LIC
7A	NY	CARTHAGE	BLCDT	20090622AGM	LIC
7A	NY	NEW YORK	DTVPLN	DTVP0086	PLN

After Analysis

Results for: 7A NY ALBANY BLCDT 20051222AAQ LIC

HAAT 434.0 m, ATV ERP 10.0 kW

·	POPULATION	AREA (sq km)
within Noise Limited Contour	1642431	32762.3
not affected by terrain losses	1504992	27580.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	19583	1502.9
lost to ATV IX only	19583	1502.9
lost to all IX	19583	1502.9

Potential Interfering Stations Included in above Scenario 1

7A	NY	BINGHAMTON	BLCDT	20060329ACH	LIC
7A	NY	CARTHAGE	BLCDT	20090622AGM	LIC
7 A	NY	NEW YORK	USERRECORD	001	APP

Percent new IX = 0.3257%

Result key: 6
Scenario 2 Affected station

Before Analysis

HAAT 434.0 m, ATV ERP 10.0 kW Results for: 7A NY ALBANY

HAAT 434.0 m, ATV ERP 10.0 k	≤W	
	POPULATION	AREA (sq km)
within Noise Limited Contour	1642431	32762.3
not affected by terrain losses	1504992	27580.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	15403	1366.6
lost to ATV IX only	15403	1366.6
lost to all IX	15403	1366.6

```
Potential Interfering Stations Included in above Scenario
 7A NY BINGHAMTON
                             BLCDT
                                       20060329ACH LIC
                            BPCDT
 7A NY CARTHAGE
                                       20120224ABL CP
                            DTVPLN DTVP0086 PLN
 7A NY NEW YORK
After Analysis
Results for: 7A NY ALBANY
                                        BLCDT 20051222AAQ LIC
  HAAT 434.0 m, ATV ERP 10.0 kW
  POPULATION AREA (sq km) within Noise Limited Contour 1642431 32762.3 not affected by terrain losses 1504992 27580.4
                                         0
   lost to NTSC IX
                                                    0.0
   lost to additional IX by ATV
                                                   1575.0
   lost to ATV IX only
                                                  1575.0
1575.0
                                       20176
   lost to all IX
                                       20176
 Potential Interfering Stations Included in above Scenario
 7A NY BINGHAMTON
                             BLCDT
                                       20060329ACH LIC
                             BLCDT 20060329ACH LIC
BPCDT 20120224ABL CP
 7A NY CARTHAGE
                            USERRECORD01
 7A NY NEW YORK
Percent new IX = 0.3204%
Result key: 7
Scenario 3 Affected station 2
Before Analysis
Results for: 7A NY ALBANY
                                        BLCDT 20051222AAQ LIC
  HAAT 434.0 m, ATV ERP 10.0 kW
  within Noise Limited Contour \begin{array}{ccc} & \text{POPULATION} & \text{AREA (sq km)} \\ 1642431 & 32762.3 \end{array}
                                                32762.3
                                                 27580.4
  not affected by terrain losses 1504992
   lost to NTSC IX
                                        0
                                                   0.0
   lost to additional IX by ATV
                                       17687
                                                   1514.9
   lost to ATV IX only
                                       17687
                                                   1514.9
  lost to all IX
                                       17687
                                                  1514.9
 Potential Interfering Stations Included in above Scenario
 7A NY BINGHAMTON
                            BPCDT 20120717AAC APP
BLCDT 20090622AGM LIC
 7A NY CARTHAGE
                            DTVPLN DTVP0086
 7A NY NEW YORK
                                                    PT.N
After Analysis
                                         BLCDT 20051222AAQ LIC
Results for: 7A NY ALBANY
  HAAT 434.0 m, ATV ERP 10.0 kW
  POPULATION AREA (sq km) within Noise Limited Contour 1642431 32762.3
                                               32762.3
   not affected by terrain losses
                                     1504992
                                                   27580.4
                                   0
                                                 0.0
1715.3
   lost to NTSC IX
                                       21864
   lost to additional IX by ATV
   lost to ATV IX only
                                                   1715.3
                                       21864
   lost to all IX
                                       21864
                                                   1715.3
 Potential Interfering Stations Included in above Scenario
                            BPCDT
 7A NY BINGHAMTON
                                       20120717AAC APP
 7A NY CARTHAGE
                             BLCDT
                                       20090622AGM LIC
 7A NY NEW YORK
                             USERRECORD01
Percent new IX = 0.2808%
Result kev:
               8
             8
4 Affected station
Scenario
Before Analysis
                                      BLCDT 20051222AAQ LIC
Results for: 7A NY ALBANY
  HAAT 434.0 m, ATV ERP 10.0 kW
   within Noise Limited Contour \begin{array}{ccc} & \text{POPULATION} & \text{AREA (sq km)} \\ 1642431 & 32762.3 \end{array}
                                                 27580.4
   not affected by terrain losses
                                     1504992
                                       0 0.0
18316 1595.0
18316 1595.0
18316 1595.0
   lost to NTSC IX
                                      0
   lost to additional IX by ATV
   lost to ATV IX only
```

lost to all IX

Potential Interfering Stations Included in above Scenario 7A NY BINGHAMTON BPCDT 20120717AAC APP 7A NY CARTHAGE BPCDT 20120224ABL CP DTVPLN DTVP0086 7A NY NEW YORK PLN After Analysis Results for: 7A NY ALBANY BLCDT 20051222AAQ LIC HAAT 434.0 m, ATV ERP 10.0 kW $\begin{array}{ccc} & & & & & & \\ & & & & & \\ \text{POPULATION} & & \text{AREA (sq km)} \\ \text{within Noise Limited Contour} & & & 1642431 & & 32762.3 \\ \end{array}$ 32762.3 27580.4 not affected by terrain losses 1504992 lost to NTSC IX 0.0 0 1783.4 22412 lost to additional IX by ATV lost to ATV IX only 1783.4 22412 lost to all IX 22412 1783.4 Potential Interfering Stations Included in above Scenario 7A NY BINGHAMTON BPCDT 20120717AAC APP BPCDT 20120224ABL CP 7A NY CARTHAGE 7A NY NEW YORK USERRECORD01 Percent new IX = 0.2755% Worst case new IX 0.3257% Scenario Analysis of Interference to Affected Station 3 Analysis of current record Application Ref. No. Channel Call City/State WXXA-TV ALBANY NY 0.7 BPCDT -20120123AOB Stations Potentially Affecting This Station Chan Call City/State Dist(km) Status Application Ref. No. 07 WBNG-TV BINGHAMTON NY 171.5 LIC BLCDT -20060329ACH WBNG-TV BINGHAMTON NY WWNY-TV CARTHAGE NY 171.5 APP 202.8 LIC 07 BPCDT -20120717AAC 07 -20090622AGM BLCDT 07 WWNY-TV CARTHAGE NY 07 WABC-TV NEW YORK NY 202.8 CP BPCDT -20120224ABL 07 212.7 PLN DTVPLN -DTVP0086 07 WBBZ-TV SPRINGVILLE NY 385.6 LIC BLCDT -20100525AEW WNJB NEW BRUNSWICK NJ WICZ-TV BINGHAMTON NY 226.5 LIC 171.0 LIC BLEDT -20110427ABF 0.8 -20060320AFC 0.8 BLCDT WABC-DT NEW YORK NY 212.6 APP USERRECORD-01 Total scenarios = 4 Result key: 1 Affected station 3 Scenario Before Analysis Results for: 7A NY ALBANY BPCDT 20120123AOB APP HAAT 434.0 m, ATV ERP 15.0 kW not affected by terrain losses 1562857 29283.3 lost to NTSC IX 0.0 0 18007 lost to additional IX by ATV 1306.5 lost to ATV IX only 18007 1306.5 lost to all IX 18007 1306.5 Potential Interfering Stations Included in above Scenario 7A NY BINGHAMTON BLCDT 20060329ACH LIC BLCDT 20090622AGM LIC 7A NY CARTHAGE 7A NY NEW YORK DTVPLN DTVP0086 PLN After Analysis Results for: 7A NY ALBANY BPCDT 20120123AOB APP HAAT 434.0 m, ATV ERP 15.0 kW POPULATION AREA (sq km)

1729029

within Noise Limited Contour

34978.1

```
not affected by terrain losses 1562857
                                            29283.3
  lost to NTSC IX
                                              0.0
  lost to ATV IV color
                                    25680
                                               1567.0
                                               1567.0
  lost to ATV IX only
                                    25680
  lost to all IX
                                    25680
                                              1567.0
 Potential Interfering Stations Included in above Scenario
 7A NY BINGHAMTON
                          BLCDT
                          BLCDT
                                    20060329ACH LIC
 7A NY CARTHAGE
                                    20090622AGM LIC
 7A NY NEW YORK
                          USERRECORD01
Percent new IX = 0.4967%
Result key: 10
Scenario 2 Affected station 3
Before Analysis
                                    BPCDT
Results for: 7A NY ALBANY
                                                20120123AOB APP
  HAAT 434.0 m, ATV ERP 15.0 kW
  within Noise Limited Contour 1729029 34978.1 not affected by terrain losses 1562857 29283.3
                                0
                                              0.0
  lost to NTSC IX
  lost to additional IX by ATV
                                    19559
                                               1398.6
  lost to ATV IX only
                                   19559
                                   19559
                                             1398.6
  lost to all IX
 Potential Interfering Stations Included in above Scenario
 7A NY BINGHAMTON
                          BLCDT
                                    20060329ACH LIC
                                    20120224ABL CP
 7A NY CARTHAGE
                          BPCDT
                                  DTVP0086
 7A NY NEW YORK
                          DTVPLN
                                                PT.N
After Analysis
Results for: 7A NY ALBANY
                                     BPCDT 20120123AOB APP
  HAAT 434.0 m, ATV ERP 15.0 kW
  within Noise Limited Contour 1729029 AREA (sq km)
                                  1562857
  not affected by terrain losses
                                              29283.3
  lost to NTSC IX
                                      0
                                              0.0
                                    26236
                                              1639.1
  lost to additional IX by ATV
  lost to ATV IX only
                                    26236
                                               1639.1
  lost to all IX
                                    26236
                                               1639.1
 Potential Interfering Stations Included in above Scenario
 7A NY BINGHAMTON
                          BLCDT
                                    20060329ACH LIC
 7A NY CARTHAGE
                          BPCDT 20120224ABL CP
 7A NY NEW YORK
                          USERRECORD01
                                               APP
Percent new IX = 0.4326%
Result key:
               11
Scenario 3 Affected station
Before Analysis
Results for: 7A NY ALBANY
                                     BPCDT 20120123AOB APP
  HAAT 434.0 m, ATV ERP 15.0 kW
  POPULATION AREA (sq km) within Noise Limited Contour 1729029 34978.1
  not affected by terrain losses
                                  1562857
                                              29283.3
                                   0 0.0
20890 1550.9
20890 1550.9
20890 1550.9
  lost to NTSC IX
  lost to additional IX by {\tt ATV}
  lost to ATV IX only
  lost to all IX
                                    20890
                                               1550.9
 Potential Interfering Stations Included in above Scenario
 7A NY BINGHAMTON
                          BPCDT
                                    20120717AAC APP
 7A NY CARTHAGE
                                    20090622AGM LIC
                          BLCDT
 7A NY NEW YORK
                          DTVPLN
                                    DTVP0086
                                                PLN
After Analysis
Results for: 7A NY ALBANY
                                    BPCDT 20120123AOB APP
  HAAT 434.0 m, ATV ERP 15.0 kW
                               POPULATION AREA (sq km)
```

1729029

34978.1

within Noise Limited Contour

```
29283.3
  not affected by terrain losses 1562857
                                            0.0
  lost to NTSC IX
  lost to ATV IV only
                                   28324
                                              1783.4
  lost to ATV IX only
                                              1783.4
                                   28324
  lost to all IX
                                   28324
                                             1783.4
 Potential Interfering Stations Included in above Scenario
                         BLCDT
 7A NY BINGHAMTON
                                   20120717AAC APP
                                   20090622AGM LIC
 7A NY CARTHAGE
 7A NY NEW YORK
                          USERRECORD01
Percent new IX = 0.4821%
Result key: 12
Scenario 4 Affected station 3
Before Analysis
                                    BPCDT
Results for: 7A NY ALBANY
                                               20120123AOB APP
  HAAT 434.0 m, ATV ERP 15.0 kW
                             POPULATION AREA (sq km)
1729029 34978.1
es 1562857 29283.3
  within Noise Limited Contour
  not affected by terrain losses 1562857
                                             0.0
  lost to NTSC IX
                                   0
  lost to additional IX by ATV
                                   22435
                                              1635.1
  lost to ATV IX only
                                   22435
                                            1635.1
  lost to all IX
                                   22435
                                             1635.1
 Potential Interfering Stations Included in above Scenario
 7A NY BINGHAMTON
                          BPCDT
                                   20120717AAC APP
                                   20120224ABL CP
 7A NY CARTHAGE
                         BPCDT
                                 DTVP0086
 7A NY NEW YORK
                         DTVPLN
                                               DI'M
After Analysis
Results for: 7A NY ALBANY
                                    BPCDT 20120123AOB APP
  HAAT 434.0 m, ATV ERP 15.0 kW
  within Noise Limited Contour 1729029 AREA (sq km)
  not affected by terrain losses
                                 1562857
                                             29283.3
  lost to NTSC IX
                                     0
                                             0.0
                                   28873
  lost to additional IX by ATV
                                              1847.5
  lost to ATV IX only
                                   28873
                                              1847.5
  lost to all IX
                                   28873
                                              1847.5
 Potential Interfering Stations Included in above Scenario
 7A NY BINGHAMTON
                          BPCDT
                                   20120717AAC APP
 7A NY CARTHAGE
                          BPCDT
                                 20120224ABL CP
 7A NY NEW YORK
                          USERRECORD01
                                               APP
Percent new IX = 0.4179%
Worst case new IX 0.4967% Scenario
Analysis of Interference to Affected Station 4
Analysis of current record
Channel Call City/State
07 WBNG-TV BINGHAMTON NY
                       City/State
                                         Application Ref. No.
                                          BLCDT -20060329ACH
   Stations Potentially Affecting This Station
Chan Call
              City/State
                                   Dist(km) Status Application Ref. No.
                                      358.4 LIC
                                                   BLCDT -20110706ABC
BLCDT -20051222AAQ
 07
    WJLA-TV WASHINGTON DC
 07 WXXA-TV ALBANY NY
                                      171.5 LIC
    WXXA-TV ALBANY NY
WWNY-TV CARTHAGE NY
                                      171.5 APP
                                                   BPCDT
 07
                                                            -20120123AOB
 07
                                      211.5 LIC
                                                   BLCDT
                                                            -20090622AGM
 07
    WWNY-TV CARTHAGE NY
                                      211.5 CP
                                                   BPCDT
                                                            -20120224ABL
    WABC-TV NEW YORK NY
WBBZ-TV SPRINGVILLE NY
                                      220.3 PLN
234.7 LIC
 07
                                                   DTVPLN
                                                            -DTVP0086
                                                            -20100525AEW
 07
                                                   BLCDT -20110427ABF
BLCDT -20060320AFC
                                      200.3 LIC
 0.8
    WNJB NEW BRUNSWICK NJ
```

0.7 LIC

USERRECORD-01

220.2 APP

80

WICZ-TV BINGHAMTON NY

WABC-DT NEW YORK NY

7A NY ALBANY

7A NY CARTHAGE

7A NY NEW YORK

8A NY BINGHAMTON

```
Result key: 13
Scenario 1 Affected station 4
Before Analysis
Results for: 7A NY BINGHAMTON
                                       BLCDT
                                                   20060329ACH LTC
  HAAT 342.0 m, ATV ERP 20.4 kW
  within Noise Limited Contour 1412087 AREA (sq km) not affected by the contour 1412087
  within Noise Limited Contour 1412087 32363.5 not affected by terrain losses 1020417 28080.6
                                    0
21909
21909
   lost to NTSC IX
                                                  0.0
   lost to additional IX by ATV
                                                   1007.7
   lost to ATV IX only
                                                  1007.7
                                      21909
                                                 1007.7
   lost to all IX
 Potential Interfering Stations Included in above Scenario
 7A DC WASHINGTON
                            BLCDT
                                      20110706ABC LIC
7A NY ALBANY
7A NY CARTHAGE
                           BLCDT
                                      20051222AAQ LIC
                            BLCDT
                                      20090622AGM LIC
                          BLCDT
                                      20060320AFC LIC
 8A NY BINGHAMTON
 7A NY NEW YORK
                            DTVPLN DTVP0086 PLN
After Analysis
Results for: 7A NY BINGHAMTON
                                       BLCDT 20060329ACH LIC
  HAAT 342.0 m, ATV ERP 20.4 kW
                                POPULATION AREA (sq km)
1412087 32363.5
   within Noise Limited Contour
                                                28080.6
                                    1020417
  not affected by terrain losses
                                                0.0
   lost to NTSC IX
                                      0
                                      27184
   lost to additional IX by ATV
   lost to ATV IX only
lost to all IX
                                       27184
                                                   1207.7
                                      27184
                                                  1207.7
 Potential Interfering Stations Included in above Scenario
                                      20110706ABC LIC
 7A DC WASHINGTON
                            BLCDT
 7A NY ALBANY
                                      20051222AAQ LIC
                            BLCDT
                           BLCDT 20090622AGM LIC
BLCDT 20060320AFC LIC
 7A NY CARTHAGE
 8A NY BINGHAMTON
                            USERRECORD01
 7A NY NEW YORK
                                                   APP
 The following station failed the de minimis interference criteria.
7D NY NEW YORK USERRECORD01
ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m
 Antenna
          none
 Due to interference to the following station and scenario:
7D NY BINGHAMTON BLCDT 20060329ACH ERP 20.40 kW HAAT 342.0 m RCAMSL 739.0 m
 Percent new interference from proposal: 0.5283 to BLCDT 20060329ACH
Result key: 14
Scenario 2 Affected station 4
Before Analysis
Results for: 7A NY BINGHAMTON
                                      BLCDT 20060329ACH LIC
  HAAT 342.0 m, ATV ERP 20.4 kW
  POPULATION AREA (sq km) within Noise Limited Contour 1412087 32363.5 not affected by terrain losses 1020417 28080.6
   lost to NTSC IX
                                        Ω
                                                  0.0
                                                1163.7
                                      29421
   lost to additional IX by ATV
                                               1163.7
   lost to ATV IX only
                                      29421
   lost to all IX
                                      29421
 Potential Interfering Stations Included in above Scenario
 7A DC WASHINGTON
                            BLCDT
                                      20110706ABC LIC
```

20051222AAQ LIC

20120224ABL CP 20060320AFC LIC DTVP0086 PLN

BLCDT

BPCDT

DTVPLN DTVP0086

BLCDT

After Analysis

```
Results for: 7A NY BINGHAMTON
                                     BLCDT 20060329ACH LIC
  HAAT 342.0 m, ATV ERP 20.4 kW
                              POPULATION AREA (sq km)
                                1412087 32363.5
1020417 28080.6
   within Noise Limited Contour
  not affected by terrain losses 1020417
   lost to NTSC IX
                                     0
                                               0.0
                                            0.0
1343.6
1343.6
                                    33455
   lost to additional IX by ATV
                                    33455
   lost to ATV IX only
   lost to all IX
                                    33455
 Potential Interfering Stations Included in above Scenario
 7A DC WASHINGTON
                          BLCDT
                                    20110706ABC LIC
                          BLCDT 20051222AAQ LIC
BPCDT 20120224ABL CP
BLCDT 20060320AFC LIC
 7A NY ALBANY
7A NY CARTHAGE
 8A NY BINGHAMTON
 7A NY NEW YORK
                          USERRECORD01
                                           APP
Percent new IX = 0.4071%
Result key: 15
Scenario 3 Affected station
Before Analysis
Results for: 7A NY BINGHAMTON
                                     BLCDT 20060329ACH LIC
  HAAT 342.0 m, ATV ERP 20.4 kW
  within Noise Limited Contour 1412087 32363.5
  not affected by terrain losses
                                  1020417
                                              28080.6
                                    0 0.0
22984 1091.7
22984 1091.7
   lost to NTSC IX
   lost to additional IX by ATV
   lost to ATV IX only
   lost to all IX
                                    22984
                                               1091.7
 Potential Interfering Stations Included in above Scenario
 7A DC WASHINGTON
                         BLCDT
                                    20110706ABC LIC
                                    20120123AOB APP
 7A NY ALBANY
                          BPCDT
 7A NY CARTHAGE
                          BLCDT
                                    20090622AGM LIC
 8A NY BINGHAMTON
                         BLCDT
                                    20060320AFC LIC
 7A NY NEW YORK
                          DTVPLN DTVP0086
After Analysis
Results for: 7A NY BINGHAMTON
                                     BLCDT 20060329ACH LIC
  HAAT 342.0 m, ATV ERP 20.4 kW
  within Noise Limited Contour 1412087 2005
                                             28080.6
  not affected by terrain losses
                                  1020417
   lost to NTSC IX
                                      Ω
                                            1287.7
1287.7
1287.7
                                               0.0
                                    28073
   lost to additional IX by ATV
   lost to ATV IX only
                                    28073
  lost to all IX
                                    28073
 Potential Interfering Stations Included in above Scenario
 7A DC WASHINGTON
                          BLCDT
                                    20110706ABC LIC
                                    20120123AOB APP
 7A NY ALBANY
                          RPCDT
 7A NY CARTHAGE
                          BLCDT
                                    20090622AGM LIC
 8A NY BINGHAMTON
                          BLCDT
                                    20060320AFC LIC
                          USERRECORD01
 7A NY NEW YORK
 The following station failed the de minimis interference criteria.
 7D NY NEW YORK
                         USERRECORD01
 ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m
 Ant.enna
           none
 Due to interference to the following station and scenario: 3
 7D NY BINGHAMTON
                        BLCDT 20060329ACH
 7D NY BINGHAMTON BLCDT 20060329ACF ERP 20.40 kW HAAT 342.0 m RCAMSL 739.0 m
 Percent new interference from proposal: 0.5102 to BLCDT 20060329ACH
```

Result key: 16 Scenario 4 Affected station

Before Analysis

```
Results for: 7A NY BINGHAMTON
                                    BLCDT 20060329ACH LIC
  HAAT 342.0 m, ATV ERP 20.4 kW
  POPULATION AREA (sq km) within Noise Limited Contour 1412087 32363.5
  not affected by terrain losses
                                 1020417
                                              28080.6
                                0
                                             0.0
  lost to NTSC IX
                                   30496
                                              1247.7
  lost to additional IX by ATV
  lost to ATV IX only
                                   30496
                                              1247.7
  lost to all IX
                                   30496
                                             1247.7
 Potential Interfering Stations Included in above Scenario
 7A DC WASHINGTON
                          BLCDT
                                   20110706ABC LIC
                                   20120123AOB APP
 7A NY ALBANY
                         BPCDT
 7A NY CARTHAGE
                         BPCDT
                                   20120224ABL CP
20060320AFC LIC
 8A NY BINGHAMTON
                         BLCDT
 7A NY NEW YORK
                         DTVPLN DTVP0086
After Analysis
Results for: 7A NY BINGHAMTON
                                     BLCDT 20060329ACH LIC
  HAAT 342.0 m, ATV ERP 20.4 kW
  POPULATION AREA (sq km) within Noise Limited Contour 1412087 32363.5
                                           32363.5
  not affected by terrain losses
                                 1020417
                                              28080.6
                                            0.0
1423.6
  lost to NTSC IX
                                     0
                                   34344
  lost to additional IX by ATV
                                   34344
  lost to ATV IX only
                                              1423.6
  lost to all IX
                                   34344
                                              1423.6
 Potential Interfering Stations Included in above Scenario
                                   20110706ABC LIC
 7A DC WASHINGTON
                         BLCDT
 7A NY ALBANY
                          BPCDT
                                   20120123AOB APP
 7A NY CARTHAGE
                          BPCDT
                                   20120224ABI CP
 8A NY BINGHAMTON
                         BLCDT
                                   20060320AFC LIC
 7A NY NEW YORK
                          USERRECORD01
                                                APP
Percent new IX = 0.3887%
Worst case new IX 0.5283% Scenario
Analysis of Interference to Affected Station 5
Analysis of current record
          Call
                        City/State
                                         Application Ref. No.
Channel
          WBNG-TV
                  BINGHAMTON NY
                                            BPCDT -20120717AAC
  0.7
    Stations Potentially Affecting This Station
Chan Call
               City/State
                                   Dist(km) Status Application Ref. No.
07 WJLA-TV WASHINGTON DC
                                      358.4 LIC BLCDT -20110706ABC
 07 WXXA-TV ALBANY NY
                                      171.5 LIC
                                                   BLCDT
                                                             -20051222AAQ
    WXXA-TV ALBANY NY
WWNY-TV CARTHAGE NY
                                      171.5 APP
211.5 LIC
                                                           -20120123AOB
-20090622AGM
 07
                                                   BPCDT
 07
                                                   BLCDT
    WWNY-TV CARTHAGE NY
WABC-TV NEW YORK NY
 0.7
                                      211.5 CP
                                                   BPCDT
                                                            -20120224ABL
                                                   DTVPLN
 07
                                      220.3 PLN
                                                            -DTVP0086
    WBBZ-TV SPRINGVILLE NY
                                     234.7 LIC
 0.7
                                                   BLCDT
                                                             -20100525AEW
     WNJB NEW BRUNSWICK NJ
WICZ-TV BINGHAMTON NY
                                     200.3 LIC
0.7 LIC
 0.8
                                                   BLEDT
                                                            -20110427ABF
                                                            -20060320AFC
 0.8
                                                   BLCDT
 07 WABC-DT NEW YORK NY
                                     220.2 APP
                                                   USERRECORD-01
Total scenarios = 4
Result key: 17
Scenario 1 Affected station
Before Analysis
                                   BPCDT 20120717AAC APP
Results for: 7A NY BINGHAMTON
  HAAT 342.0 m, ATV ERP 34.0 kW
                               POPULATION
                                           AREA (sq km)
                                           35169.4
  within Noise Limited Contour
                                 1615526
  not affected by terrain losses 1102654
                                              30358.9
  lost to NTSC IX
                                      0
                                                 0.0
```

```
28566 1203.6
28566 1203.6
  lost to additional IX by ATV
  lost to ATV IX only
  lost to all IX
                                   28566
                                             1203.6
 Potential Interfering Stations Included in above Scenario
 7A DC WASHINGTON
                         BLCDT
                                   20110706ABC LIC
                                  20051222AAQ LIC
 7A NY ALBANY
                         BLCDT
 7A NY CARTHAGE
                         BLCDT
                                   20090622AGM LIC
 8A NY BINGHAMTON
                                  20060320AFC LIC
                        BLCDT
 7A NY NEW YORK
                         DTVPLN
                                 DTVP0086
After Analysis
Results for: 7A NY BINGHAMTON
                                    BPCDT 20120717AAC APP
  within Noise Limited Contour 1615526 AREA (sq km)
  HAAT 342.0 m, ATV ERP 34.0 kW
  not affected by terrain losses
                                1102654
                                           30358.9
  lost to NTSC IX
                                    0
                                             0.0
                                          1547..
1547.5
                                  37289
  lost to additional IX by ATV
  lost to ATV IX only
                                   37289
  lost to all IX
                                  37289
 Potential Interfering Stations Included in above Scenario
                         BLCDT
                                  20110706ABC LIC
 7A DC WASHINGTON
                                   20051222AAQ LIC
 7A NY ALBANY
                         BLCDT
 7A NY CARTHAGE
                         BLCDT
                                  20090622AGM LIC
 8A NY BINGHAMTON
                         BLCDT
                                  20060320AFC LIC
 7A NY NEW YORK
                         USERRECORD01
                                              APP
 The following station failed the de minimis interference criteria.
 7D NY NEW YORK
                        USERRECORD01
 ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m
 Antenna
          none
 Due to interference to the following station and scenario: 1
 7D NY BINGHAMTON
                        BPCDT 20120717AAC
 ERP 34.00 kW HAAT 342.0 m RCAMSL 739.0 m
 Percent new interference from proposal: 0.8121 to BPCDT 20120717AAC
Result key: 18
Scenario 2 Affected station
Before Analysis
  HAAT 342.0 m, ATV ERP 34.0 kW
Results for: 7A NY BINGHAMTON
  within Noise Limited Contour 1615526 25362 km)
  not affected by terrain losses
                                1102654
                                            30358.9
  lost to NTSC IX
                                 0
                                             0.0
                                  36969
                                             1351.6
  lost to additional IX by ATV
  lost to ATV IX only
                                  36969
                                             1351.6
  lost to all IX
                                  36969
 Potential Interfering Stations Included in above Scenario
 7A DC WASHINGTON
                         BLCDT
                                   20110706ABC LIC
 7A NY ALBANY
                                  20051222AAQ LIC
                         BLCDT
 7A NY CARTHAGE
                         BPCDT
                                  20120224ABL CP
                                  20060320AFC LIC
 8A NY BINGHAMTON
                         BLCDT
 7A NY NEW YORK
                         DTVPLN DTVP0086
After Analysis
Results for: 7A NY BINGHAMTON
                                   BPCDT 20120717AAC APP
  HAAT 342.0 m, ATV ERP 34.0 kW
                              POPULATION AREA (sq km)
1615526 35169.4
                                          35169.4
  within Noise Limited Contour
  not affected by terrain losses
                                            30358.9
                                            0.0
  lost to NTSC IX
                                     0
  lost to additional IX by {\tt ATV}
                                  45193
                                             1679.5
  lost to ATV IX only
                                   45193
                                             1679.5
  lost to all IX
                                   45193
```

```
BLCDT
 7A DC WASHINGTON
                                20110706ABC LIC
                         7A NY ALBANY
 7A NY CARTHAGE
 8A NY BINGHAMTON
 7A NY NEW YORK
                          USERRECORD01
                                               APP
 The following station failed the de minimis interference criteria.
7D NY NEW YORK USERRECORD01 ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m
 Antenna none
 Due to interference to the following station and scenario: 2
7D NY BINGHAMTON BPCDT 20120717AAC ERP 34.00 kW HAAT 342.0 m RCAMSL 739.0 m
 Percent new interference from proposal: 0.7717 to BPCDT 20120717AAC
Result key: 19
Scenario 3 Affected station 5
Before Analysis
Results for: 7A NY BINGHAMTON
                                    BPCDT 20120717AAC APP
 HAAT 342.0 m, ATV ERP 34.0 kW
  35169.4
30358.9
  not affected by terrain losses 1102654
  lost to NTSC IX
                                                0.0
                                   31942
  lost to additional IX by ATV
                                              1347.6
                                   31942
                                            1347.6
1347.6
  lost to ATV IX only
  lost to all IX
                                   31942
 Potential Interfering Stations Included in above Scenario
 7A DC WASHINGTON
                         BLCDT
                                   20110706ABC LIC
 7A NY ALBANY
7A NY CARTHAGE
                          BPCDT
                                   20120123AOB APP
                         BLCDT
                                   20090622AGM LIC
 8A NY BINGHAMTON
                         BLCDT
                                   20060320AFC LIC
                         DTVPLN DTVP0086
 7A NY NEW YORK
                                               PLN
After Analysis
Results for: 7A NY BINGHAMTON
                                    BPCDT 20120717AAC APP
  HAAT 342.0 m, ATV ERP 34.0 kW
  within Noise Limited Contour 1615526 AREA (sq km) not affected by the
                                1615526 35169.4
1102654 30358.9
  not affected by terrain losses
                                 1102654
  lost to NTSC IX
                                             0.0
                                   40016
  lost to additional IX by ATV
                                              1659.5
  lost to ATV IX only
                                              1659.5
                                   40016
  lost to all IX
                                   40016
                                              1659.5
 Potential Interfering Stations Included in above Scenario
 7A DC WASHINGTON
                         BLCDT
                                   20110706ABC LIC
 7A NY ALBANY
                         BPCDT 20120123AOB APP
                                20090622AGM LIC
20060320AFC LIC
 7A NY CARTHAGE
                         BLCDT
 8A NY BINGHAMTON
                         BLCDT
                         USERRECORD01
 7A NY NEW YORK
 The following station failed the de minimis interference criteria.
7D NY NEW YORK USERRECORD01
ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m
 Antenna none
 Due to interference to the following station and scenario:
 7D NY BINGHAMTON BPCDT 20120717AA
ERP 34.00 kW HAAT 342.0 m RCAMSL 739.0 m
                        BPCDT 20120717AAC
 Percent new interference from proposal: 0.7541 to BPCDT 20120717AAC
Result key:
              20
Scenario 4 Affected station
Before Analysis
```

BPCDT 20120717AAC APP

Results for: 7A NY BINGHAMTON

HAAT 342.0 m, ATV ERP 34.0 kW POPULATION AREA (sq km) 35169.4 within Noise Limited Contour 1615526 not affected by terrain losses 30358.9 1102654 0.0 lost to NTSC IX 0 lost to additional IX by ATV 40018 1483.6 lost to ATV IX only 40018 1483.6 lost to all IX 40018 1483.6 Potential Interfering Stations Included in above Scenario 7A DC WASHINGTON BLCDT 20110706ABC LIC 7A NY ALBANY BPCDT 20120123AOB APP 7A NY CARTHAGE BPCDT 20120224ABL CP 20060320AFC LIC 8A NY BINGHAMTON BLCDT 7A NY NEW YORK DTVPLN DTVP0086 PLN After Analysis BPCDT 20120717AAC APP Results for: 7A NY BINGHAMTON within Noise Limited Contour 1615526 AREA (sq km) not affected by the HAAT 342.0 m, ATV ERP 34.0 kW not affected by terrain losses 30358.9 lost to NTSC IX 0 0.0 lost to additional IX by ATV 47912 1787.5 lost to ATV IX only 47912 1787.5 1787.5 lost to all IX 47912 Potential Interfering Stations Included in above Scenario 7A DC WASHINGTON BLCDT 20110706ABC LIC 7A NY ALBANY BPCDT 20120123AOB APP 7A NY CARTHAGE BPCDT 20120224ABL CP 20060320AFC LIC 8A NY BINGHAMTON BLCDT 7A NY NEW YORK USERRECORD01 APP The following station failed the de minimis interference criteria. 7D NY NEW YORK USERRECORD01 ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m none Antenna Due to interference to the following station and scenario: 4 7D NY BINGHAMTON BPCDT 20120717AAC ERP 34.00 kW HAAT 342.0 m RCAMSL 739.0 m Percent new interference from proposal: 0.7429 to BPCDT 20120717AAC Worst case new IX 0.8121% Scenario Proposed station is MX 7A NY NEW YORK USERRECORD01 APP 7A NY BINGHAMTON BPCDT 20120717AAC APP 20120717AAC scenario 1 of station 5 Proposal MX with BPCDT Proposed station is MX USERRECORD01 7A NY NEW YORK APP 7A NY BINGHAMTON BPCDT 20120717AAC APP Proposal MX with BPCDT 20120717AAC scenario 2 of station 5 Analysis of Interference to Affected Station 6 Analysis of current record Channel Call City/State Application Ref. No.

Chan Call City/State Dist(km) Status Application Ref. No. 07 WXXA-TV ALBANY NY 202.8 LIC BLCDT -20051222AAQ

BLCDT -20090622AGM

CARTHAGE NY

Stations Potentially Affecting This Station

WWNY-TV

```
07 WXXA-TV ALBANY NY
                                    202.8 APP
211.5 LIC
                                    202.8 APP
                                                BPCDT
                                                         -20120123AOB
07 WBNG-TV BINGHAMTON NY
                                                BLCDT -20060329ACH
    WBNG-TV BINGHAMTON NY
WABC-TV NEW YORK NY
07
                                    211.5 APP
                                                BPCDT
                                                         -20120717AAC
07
                                    386.9 PLN
                                                DTVPLN
                                                         -DTVP0086
                                                BLCDT -201005251...
-20060320AFC
    WBBZ-TV SPRINGVILLE NY
0.7
                                    287.2 LIC
     WICZ-TV BINGHAMTON NY
0.8
                                    211.7 LIC
    WABC-DT NEW YORK NY
                                    386.8 APP
                                                USERRECORD-01
Proposal causes no interference
Analysis of Interference to Affected Station 7
Analysis of current record
Channel
         Call
                   City/State
                                       Application Ref. No.
         Call City/State
WWNY-TV CARTHAGE NY
 0.7
                                        BPCDT -20120224ABL
   Stations Potentially Affecting This Station
Chan Call
              City/State
                                 Dist(km) Status Application Ref. No.
07 WXXA-TV ALBANY NY
                                   202.8 LIC
                                                BLCDT -20051222AAQ
    WXXA-TV ALBANY NY
WBNG-TV BINGHAMTON NY
                                    202.8 APP
                                                BPCDT
0.7
                                                         -20120123AOB
07
                                    211.5 LIC
                                                BLCDT
                                                        -20060329ACH
                                  211.5 APP
07 WBNG-TV BINGHAMTON NY
                                                BPCDT
                                                         -20120717AAC
    WABC-TV NEW YORK NY
WBBZ-TV SPRINGVILLE NY
07
                                    386.9 PLN
                                                DTVPLN
                                                         -DTVP0086
                                                BLCDT
                                    287.2 LIC
07
                                                         -20100525AEW
                                                BLCDT
ΛR
    WICZ-TV BINGHAMTON NY
                                    211.7 LIC
                                                        -20060320AFC
07
    WABC-DT NEW YORK NY
                                    386.8 APP
                                                USERRECORD-01
Proposal causes no interference
Analysis of Interference to Affected Station 8
Analysis of current record
                      City/State Application Ref. No.
         Call
Channel
 07
         W07BV
                   WILKES-BARRE, ETC. PA BLTVL -19930202IE
    Stations Potentially Affecting This Station
Chan Call
              City/State
                                 Dist(km) Status Application Ref. No.
                                  271.9 LIC
07
     WJLA-TV WASHINGTON DC
                                                BLCDT -20110706ABC
07 WXXA-TV ALBANY NY
                                    218.1 LIC
                                                BLCDT
                                                         -20051222AAQ
07 WXXA-TV ALBANY NY
07 WBNG-TV BINGHAMTON NY
                                    218.1 APP
96.2 LIC
                                                        -20120123AOB
                                                BPCDT
                                                BLCDT
                                                        -20060329ACH
07 WBNG-TV BINGHAMTON NY
                                    96.2 APP
                                                BPCDT
                                                        -20120717AAC
    WWNY-TV CARTHAGE NY
WWNY-TV CARTHAGE NY
                                    306.4 LIC
07
                                                BLCDT
                                                         -20090622AGM
07
                                    306.4 CP
                                                BPCDT
                                                         -20120224ABL
    WABC-TV NEW YORK NY
                                                DTVPLN
07
                                    161.0 PLN
                                                        -DTVP0086
07
    WBBZ-TV SPRINGVILLE NY
                                    284.4 LIC
                                                BLCDT
                                                         -20100525AEW
    W07DC-D ALLENTOWN/BETHLEHEM PA
                                    76.9 LIC
                                                BLDTV
07
                                                         -20090806AAJ
                                    149.0 LIC
07
    WWJT-LP PHILADELPHIA PA
                                                BLTVL
                                                         -20070112ATC
0.8
    WNJB
            NEW BRUNSWICK NJ
                                    127.8 LIC
                                                BLEDT
                                                        -20110427ABF
    WICZ-TV BINGHAMTON NY
                                    95.9 LIC
                                                        -20060320AFC
0.8
                                                BLCDT
07
    WABC-DT NEW YORK NY
                                    160.9 APP
                                                USERRECORD-01
Proposal causes no interference
Analysis of Interference to Affected Station 9
Analysis of current record
Channel Call City/State
                                       Application Ref. No.
  0.8
         WNJB
                  NEW BRUNSWICK NJ
                                       BLEDT -20110427ABF
   Stations Potentially Affecting This Station
Chan Call
              City/State
                                 Dist(km) Status Application Ref. No.
    WXXA-TV ALBANY NY
WXXA-TV ALBANY NY
07
                                    226.5 LIC
226.5 APP
                                                BLCDT -20051222AAQ
07
                                                BPCDT
                                                         -20120123AOB
                                                BLCDT
07
    WBNG-TV BINGHAMTON NY
                                    200.3 LIC
                                                         -20060329ACH
07
     WBNG-TV BINGHAMTON NY
                                    200.3 APP
                                                BPCDT
                                                         -20120717AAC
```

42.6 PLN

199.7 LIC

DTVPLN

BLCDT

-DTVP0086

-20060320AFC

WABC-TV NEW YORK NY

08 WICZ-TV BINGHAMTON NY

```
08 WWCP-TV JOHNSTOWN PA
                                         396.3 LIC BLCDT -20090413AEM
190.7 APP BPCDT -20110516ACI
                                          396.3 LIC
                                                        BLCDT
                                                                  -20090413AEM
08 WGAL LANCASTER PA
08 WGAL LANCASTER PA
09 WEDN NORWICH CT
                                          190.7 LIC
                                                        BLCDT
                                                                  -20110323ABF
                                          219.8 LIC
                                                        BLEDT
                                                                  -20090618ACB
    WBPH-TV BETHLEHEM PA
WBPH-TV BETHLEHEM PA
WBPH-TV BETHLEHEM PA
 09
                                           78.8 LIC
                                                        BLCDT
                                                                  -20100907AAF
                                          78.8 APP BPCDT -20110518ADP
78.8 CP MOD BMPCDT -20110330AAN
 09
 09
     WABC-DT NEW YORK NY
 0.7
                                          42.6 APP
                                                      IISERRECORD-01
Total scenarios = 6
Result key: 21
Scenario 1 Affected station
Before Analysis
Results for: 8A NJ NEW BRUNSWICK
                                       BLEDT 20110427ABF LIC
  HAAT 218.0 m, ATV ERP 40.8 kW
  POPULATION AREA (sq km) within Noise Limited Contour 20668171 26517.0
                                               26517.0
   not affected by terrain losses 19916767
                                                  24007.5
                                                0.0
   lost to NTSC IX
                                     0
                                     2193050
   lost to additional IX by ATV
   lost to ATV IX only
                                     2193050
                                                   3336.6
   lost to all IX
                                    2193050
                                                   3336.6
 Potential Interfering Stations Included in above Scenario
 8A NY BINGHAMTON
                            BLCDT
                                       20060320AFC LIC
 8A PA LANCASTER
                            BLCDT
                                       20110323ABF LIC
                            BLCDT
                                       20100907AAF LIC
 9A PA BETHLEHEM
                            DTVPLN DTVP0086
 7A NY NEW YORK
                                                 PLN
After Analysis
Results for: 8A NJ NEW BRUNSWICK
                                        BLEDT 20110427ABF LIC
  HAAT 218.0 m, ATV ERP 40.8 kW
  POPULATION AREA (sq km) within Noise Limited Contour 20668171 26517.0
                                               26517.0
                                                 24007.5
  not affected by terrain losses 19916767
   lost to NTSC IX
                                       0
                                                   0.0
   lost to additional IX by ATV
                                     4568280
   lost to ATV IX only
                                     4568280
                                                   4835.1
   lost to all IX
                                     4568280
                                                   4835.1
 Potential Interfering Stations Included in above Scenario
                                      20060320AFC LIC
20110323ABF LIC
 8A NY BINGHAMTON
                            BLCDT
 8A PA LANCASTER
                            BLCDT
                            BLCDT 20110323ABF LIC
BLCDT 20100907AAF LIC
 9A PA BETHLEHEM
 7A NY NEW YORK
                            USERRECORD01
                                                    APP
 The following station failed the de minimis interference criteria.
 7D NY NEW YORK
                          USERRECORD01
7D NY NEW YORK USERRECORD01
ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m
 Antenna none
 Due to interference to the following station and scenario: 1
 8D NJ NEW BRUNSWICK BLEDT 20110427ABF ERP 40.82 kW HAAT 218.0 m RCAMSL 281.0 m
 ERP 40.82 kW HAAT
Antenna CDB 0000000104545
Percent new interference from proposal: 13.4014 to BLEDT 20110427ABF
Result key:
                  2.2
Scenario 2 Affected station
Before Analysis
Results for: 8A NJ NEW BRUNSWICK
                                       BLEDT 20110427ABF LIC
  HAAT 218.0 m, ATV ERP 40.8 kW
   POPULATION AREA (sq km) within Noise Limited Contour 20668171 26517.0
                                              26517.0
   not affected by terrain losses 19916767
                                                  24007.5
   lost to NTSC IX
                                          0
                                                  0.0
                                     2193050
   lost to additional IX by ATV
                                                   3336.6
   lost to ATV IX only
                                     2193050
                                                   3336.6
                                     2193050
   lost to all IX
```

Potential Interfering Stations Included in above Scenario

```
8A NY BINGHAMTON
                            BLCDT
                                       20060320AFC LIC
20110323ABF LIC
 8A PA LANCASTER
                            BLCDT
                                       20110330AAN CP
                            BMPCDT
 9A PA BETHLEHEM
                            DTVPLN DTVP0086 PLN
 7A NY NEW YORK
After Analysis
Results for: 8A NJ NEW BRUNSWICK
                                         BLEDT 20110427ABF LIC
  HAAT 218.0 m, ATV ERP 40.8 kW
  \begin{array}{ccc} & & & & & & \\ & & & & & \\ \text{POPULATION} & & \text{AREA (sq km)} \\ \text{within Noise Limited Contour} & & & 20668171 & & 26517.0 \\ \end{array}
                                               26517.0
24007 F
   not affected by terrain losses 19916767
   lost to NTSC IX
                                                   0.0
                                         0
   lost to additional IX by ATV
                                                   4835.1
   lost to ATV IX only
                                                   4835.1
                                     4568280
   lost to all IX
                                     4568280
                                                   4835.1
 Potential Interfering Stations Included in above Scenario
 8A NY BINGHAMTON
                            BLCDT
                                       20060320AFC LIC
 8A PA LANCASTER
                            BLCDT
                                       20110323ABF LIC
                            BMPCDT 20110323ABF LIC
 9A PA BETHLEHEM
 7A NY NEW YORK
                            USERRECORD01
 The following station failed the de minimis interference criteria.
 7D NY NEW YORK
                            USERRECORD01
7D NY NEW YORK USERRECORD01
ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m
 Antenna none
 Due to interference to the following station and scenario:
8D NJ NEW BRUNSWICK BLEDT 20110427ABI ERP 40.82 kW HAAT 218.0 m RCAMSL 281.0 m
                           BLEDT 20110427ABF
 Antenna CDB 0000000104545
                                            13.4014 to BLEDT 20110427ABF
 Percent new interference from proposal:
Result key:
                 23
             3 Affected station
Scenario
Before Analysis
Results for: 8A NJ NEW BRUNSWICK
                                       BLEDT 20110427ABF LIC
  HAAT 218.0 m, ATV ERP 40.8 kW
                                  POPULATION AREA (sq km)
                                               26517.0
                                    20668171
   within Noise Limited Contour
  not affected by terrain losses 19916767
                                                  24007.5
                                                   0.0
   lost to NTSC IX
                                          0
   lost to additional IX by ATV
                                     2389456
                                                   3836.1
   lost to ATV IX only
                                     2389456
   lost to all IX
                                     2389456
                                                   3836.1
 Potential Interfering Stations Included in above Scenario
 8A NY BINGHAMTON
                            BLCDT
                                       20060320AFC LIC
                                       20110516ACI APP
20100907AAF LIC
 8A PA LANCASTER
                            BPCDT
 9A PA BETHLEHEM
                            BLCDT
 7A NY NEW YORK
                            DTVPLN DTVP0086
After Analysis
Results for: 8A NJ NEW BRUNSWICK
                                         BLEDT 20110427ABF LIC
  HAAT 218.0 m, ATV ERP 40.8 kW
                                  POPULATION AREA (sq km)
                                               26517.0
24007.5
   within Noise Limited Contour
                                    20668171
   not affected by terrain losses 19916767
   lost to NTSC IX
                                          Ω
                                                      0.0
   lost to additional IX by ATV
                                     4742477
                                                   5278.6
   lost to ATV IX only
                                     4742477
                                                   5278.6
   lost to all IX
                                     4742477
                                                   5278.6
 Potential Interfering Stations Included in above Scenario
                                       20060320AFC LIC
 8A NY BINGHAMTON
                            BLCDT
                                       20110516ACI APP
20100907AAF LIC
 8A PA LANCASTER
                            BPCDT
 9A PA BETHLEHEM
                            BLCDT
 7A NY NEW YORK
                            USERRECORD01
                                                    APP
```

The following station failed the de minimis interference criteria. USERRECORD01

7D NY NEW YORK

```
Antenna CDB 0000000104545
 Percent new interference from proposal: 13.4249 to BLEDT 20110427ABF
Result key: 24
Scenario 4 Affected station
Before Analysis
Results for: 8A NJ NEW BRUNSWICK
                                       BLEDT 20110427ABF LIC
  within Noise Limited Contour 20668171 AREA (sq km) not affected by towns
                                                26517.0
  within Noise Limited Contour 20668171 not affected by terrain losses 19916767
                                                 0.0
                                        0
   lost to NTSC IX
   lost to additional IX by ATV
                                     2406513
                                                    3908.0
   lost to ATV IX only
                                     2406513
                                                    3908.0
                                     2406513
   lost to all IX
                                                    3908.0
 Potential Interfering Stations Included in above Scenario
 8A NY BINGHAMTON
                            BLCDT
                                       20060320AFC LIC
                           BPCDT 20110516ACI APP
BPCDT 20110518ADP APP
 8A PA LANCASTER
 9A PA BETHLEHEM
                            DTVPLN DTVP0086 PLN
 7A NY NEW YORK
After Analysis
Results for: 8A NJ NEW BRUNSWICK
                                        BLEDT 20110427ABF LIC
  HAAT 218.0 m, ATV ERP 40.8 kW
   within Noise Limited Contour 20668171 AREA (sq km) not affected by terrain losses 19916767 24007.5
```

ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m

8D NJ NEW BRUNSWICK BLEDT 20110427ABH ERP 40.82 kW HAAT 218.0 m RCAMSL 281.0 m

Due to interference to the following station and scenario:

BLEDT 20110427ABF

Antenna none

Potential Interfering Stations Included in above Scenario

8A NY BINGHAMTON BLCDT 20060320AFC LIC 8A PA LANCASTER BPCDT 20110516ACI APP BPCDT 20110518ADP APP 9A PA BETHLEHEM 7A NY NEW YORK USERRECORD01

The following station failed the de minimis interference criteria. 7D NY NEW YORK USERRECORD01 ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m

Antenna none

not affected by terrain losses 19916767

lost to additional IX by ATV lost to ATV IX only

Due to interference to the following station and scenario: 8D NJ NEW BRUNSWICK BLEDT 20110427ABF ERP 40.82 kW HAAT 218.0 m RCAMSL 281.0 m Antenna CDB 0000000104545

Percent new interference from proposal: 13.4380 to BLEDT 20110427ABF

0 0.0 4759534 5350.5 4759534 5350.5 4759534 5350.5

Result key: 25

lost to NTSC IX

lost to all IX

Scenario 5 Affected station Before Analysis

Results for: 8A NJ NEW BRUNSWICK BLEDT 20110427ABF LIC HAAT 218.0 m, ATV ERP 40.8 kW

·	POPULATION	AREA (sq km)
within Noise Limited Contour	20668171	26517.0
not affected by terrain losses	19916767	24007.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2389456	3836.1
lost to ATV IX only	2389456	3836.1
lost to all IX	2389456	3836.1

Potential Interfering Stations Included in above Scenario

```
BLCDT 2006032UAFC ___
BPCDT 20110516ACI APP
DMDCDT 20110330AAN CP
 8A NY BINGHAMTON
 8A PA LANCASTER
 9A PA BETHLEHEM
                            DTVPLN
 7A NY NEW YORK
                                       DTVP0086 PLN
After Analysis
Results for: 8A NJ NEW BRUNSWICK
                                        BLEDT 20110427ABF LIC
   within Noise Limited Contour 20668171 20512 km)
  HAAT 218.0 m, ATV ERP 40.8 kW
  within Noise Limited Contour 20668171 26517.0 not affected by terrain losses 19916767 24007.5
                                    .991b/0,

0 0.5

4742477 5278.6

4742477 5278.6

5278.6
   lost to NTSC IX
   lost to additional IX by ATV
   lost to ATV IX only
   lost to all IX
 Potential Interfering Stations Included in above Scenario
 8A NY BINGHAMTON
                            BLCDT
                                       20060320AFC LIC
                                    20110516ACI APP
20110330AAN CP
 8A PA LANCASTER
                            BPCDT
 9A PA BETHLEHEM
                            BMPCDT
 7A NY NEW YORK
                            USERRECORD01
 The following station failed the de minimis interference criteria.
7D NY NEW YORK USERRECORD01
ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m
 Antenna none
 Due to interference to the following station and scenario:
 8D NJ NEW BRUNSWICK BLEDT 20110427ABF
ERP 40.82 kW HAAT 218.0 m RCAMSL 281.0 m
 ERP 40.82 kW HAAT
 Antenna CDB 0000000104545
Percent new interference from proposal: 13.4249 to BLEDT 20110427ABF
Result key:
               26
Scenario 6 Affected station
Before Analysis
Results for: 8A NJ NEW BRUNSWICK
                                        BLEDT 20110427ABF LIC
  HAAT 218.0 m, ATV ERP 40.8 kW
  POPULATION AREA (sq km) within Noise Limited Contour 20668171 26517.0
                                                26517.0
                                    19916767 24007.5

0 0.0

2211712 3412.5

2211712 3412.5

2211712 3412.5
   not affected by terrain losses 19916767
   lost to NTSC IX
   lost to additional IX by ATV
   lost to ATV IX only
   lost to all IX
 Potential Interfering Stations Included in above Scenario
 8A NY BINGHAMTON
                            BLCDT
                                       20060320AFC LIC
                            BLCDT
 8A PA LANCASTER
                                       20110323ABF LIC
 9A PA BETHLEHEM
                                       20110518ADP APP
                            BPCDT
                            DTVPLN DTVP0086
 7A NY NEW YORK
                                                    PLN
After Analysis
Results for: 8A NJ NEW BRUNSWICK
                                        BLEDT 20110427ABF LTC
  HAAT 218.0 m, ATV ERP 40.8 kW
   POPULATION AREA (sq km) within Noise Limited Contour 20668171 26517.0
   not affected by terrain losses 19916767
                                                   24007.5
                                                0.0
   lost to NTSC IX
                                     4586942
   lost to additional IX by ATV
                                                   4911.0
   lost to ATV IX only
                                                   4911.0
   lost to all IX
                                     4586942
                                                  4911.0
 Potential Interfering Stations Included in above Scenario
 8A NY BINGHAMTON
                            BLCDT
                                       20060320AFC LIC
 8A PA LANCASTER
                            BLCDT
                                       20110323ABF LIC
                                       20110518ADP APP
 9A PA BETHLEHEM
                            BPCDT
 7A NY NEW YORK
                            USERRECORD01
                                                    APP
 The following station failed the de minimis interference criteria.
```

7D NY NEW YORK USERRECORD01
ERP 21.40 kW HAAT 507.0 m RCAMSL 518.0 m

Antenna none

Due to interference to the following station and scenario: 6 8D NJ NEW BRUNSWICK BLEDT 20110427ABF ERP 40.82 kW HAAT 218.0 m RCAMSL 281.0 m

Antenna CDB 0000000104545

13.4156 to BLEDT 20110427ABF Percent new interference from proposal:

Worst case new IX 13.4380% Scenario

Analysis of Interference to Affected Station 10

Analysis of current record

City/State Application Ref. No. Channel Call BINGHAMTON NY BLCDT -20060320AFC 08 WICZ-TV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
07	WXXA-TV	ALBANY NY	171.0	LIC	BLCDT	-20051222AAQ
07	WXXA-TV	ALBANY NY	171.0	APP	BPCDT	-20120123AOB
07	WBNG-TV	BINGHAMTON NY	0.7	LIC	BLCDT	-20060329ACH
07	WBNG-TV	BINGHAMTON NY	0.7	APP	BPCDT	-20120717AAC
07	WWNY-TV	CARTHAGE NY	211.7	LIC	BLCDT	-20090622AGM
07	WWNY-TV	CARTHAGE NY	211.7	CP	BPCDT	-20120224ABL
07	WABC-TV	NEW YORK NY	219.6	PLN	DTVPLN	-DTVP0086
08	WNJB	NEW BRUNSWICK NJ	199.7	LIC	BLEDT	-20110427ABF
08	WWCP-TV	JOHNSTOWN PA	339.9	LIC	BLCDT	-20090413AEM
08	WGAL	LANCASTER PA	231.7	APP	BPCDT	-20110516ACI
8 0	WGAL	LANCASTER PA	231.7	LIC	BLCDT	-20110323ABF
09	WBPH-TV	BETHLEHEM PA	170.9	LIC	BLCDT	-20100907AAF
09	WBPH-TV	BETHLEHEM PA	170.9	APP	BPCDT	-20110518ADP
09	WBPH-TV	BETHLEHEM PA	170.9	CP MOD	BMPCDT	-20110330AAN
07	WABC-DT	NEW YORK NY	219.6	APP	USERRECORD-01	
Prop	osal caus	es no interference				

Analysis of Interference to Affected Station 11

Analysis of current record

Channel Call City/State Application Ref. No. NEW YORK NY USERRECORD-01 WABC-DT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicati	on Ref. No.
07	WJLA-TV	WASHINGTON DC	326.9	LIC	BLCDT	-20110706ABC
07	WXXA-TV	ALBANY NY	212.6	LIC	BLCDT	-20051222AAQ
07	WXXA-TV	ALBANY NY	212.6	APP	BPCDT	-20120123AOB
07	WBNG-TV	BINGHAMTON NY	220.2	LIC	BLCDT	-20060329ACH
07	WBNG-TV	BINGHAMTON NY	220.2	APP	BPCDT	-20120717AAC
07	WWNY-TV	CARTHAGE NY	386.8	LIC	BLCDT	-20090622AGM
07	WWNY-TV	CARTHAGE NY	386.8	CP	BPCDT	-20120224ABL
8 0	WNJB	NEW BRUNSWICK NJ	42.6	LIC	BLEDT	-20110427ABF
8 0	WICZ-TV	BINGHAMTON NY	219.6	LIC	BLCDT	-20060320AFC

Total scenarios = 4

Result key: 27 Scenario 1 Affected station 11

Before Analysis

Results for: 7A NY NEW YORK USERRECORD01 APP HAAT 507.0 m, ATV ERP 21.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	21750522	40721.7
not affected by terrain losses	21145028	38074.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	220666	1225.6
lost to ATV IX only	220666	1225.6

```
220666 1225.6
  lost to all IX
 Potential Interfering Stations Included in above Scenario
 7A DC WASHINGTON
                         BLCDT
                                   20110706ABC LIC
 7A NY ALBANY
                         BLCDT
                                  20051222AAQ LIC
 7A NY BINGHAMTON
                                  20060329ACH LIC
                         BLCDT
                                  20120224ABL CP
 7A NY CARTHAGE
                         BPCDT
 8A NJ NEW BRUNSWICK
                         BLEDT
                                  20110427ABF LIC
Result key: 28
Scenario 2 Affected station 11
             28
Before Analysis
Results for: 7A NY NEW YORK
                                    USERRECORD01
                                                          APP
  HAAT 507.0 m, ATV ERP 21.4 kW
  within Noise Limited Contour POPULATION 21750522
                                          AREA (sq km)
                                          40721.7
  not affected by terrain losses 21145028
                                           38074.8
  lost to NTSC IX
                                             0.0
                                   Ω
                                          1369.4
1369.4
1369.4
                                  232627
  lost to additional IX by ATV
  lost to ATV IX only
                                  232627
  lost to all IX
                                 232627
 Potential Interfering Stations Included in above Scenario
                         BLCDT
 7A DC WASHINGTON
                                   20110706ABC LIC
                                   20051222AAQ LIC
 7A NY ALBANY
                         BLCDT
 7A NY BINGHAMTON
                         BPCDT
                                   20120717AAC APP
                                   20120224ABL
 7A NY CARTHAGE
                         BPCDT
                                              CP
                         BLEDT
 8A NJ NEW BRUNSWICK
                                  20110427ABF LIC
              29
Result key:
Result key: 29
Scenario 3 Affected station
Before Analysis
Results for: 7A NY NEW YORK
                                    USERRECORD01
                                                          APP
  within Noise Limited Contour 21750522 AREA (sq km) not affected by townships.
  HAAT 507.0 m, ATV ERP 21.4 kW
  not affected by terrain losses 21145028
  lost to NTSC IX
                                    0
                                             0.0
                                  237122
  lost to additional IX by ATV
                                             1321.5
  lost to ATV IX only
                                  237122
                                             1321.5
  lost to all IX
                                  237122
                                             1321.5
 Potential Interfering Stations Included in above Scenario
 7A DC WASHINGTON
                         BLCDT
                                   20110706ABC LIC
 7A NY ALBANY
                         BPCDT
                                   20120123AOB APP
                                   20060329ACH LIC
 7A NY BINGHAMTON
                         BLCDT
 7A NY CARTHAGE
                         RPCDT
                                   20120224ABL CP
                        BLEDT
 8A NJ NEW BRUNSWICK
                                  20110427ABF LIC
Result key:
                30
Result key: 30
Scenario 4 Affected station
                                     11
Before Analysis
Results for: 7A NY NEW YORK
                                    USERRECORD01
                                                          APP
  HAAT 507.0 m, ATV ERP 21.4 kW
  not affected by terrain losses 21145028
                                            38074.8
                                 0 0.0
248780 1461.2
248780 1461.2
248780 1461.2
  lost to NTSC IX
  lost to additional IX by ATV
  lost to ATV IX only
  lost to all IX
 Potential Interfering Stations Included in above Scenario
 7A DC WASHINGTON
                         BLCDT
                                   20110706ABC LIC
                                   20120123AOB APP
 7A NY ALBANY
                         BPCDT
 7A NY BINGHAMTON
                         BPCDT
                                   20120717AAC APP
 7A NY CARTHAGE
                         BPCDT
                                   20120224ABL CP
 8A NJ NEW BRUNSWICK
                         BLEDT
                                  20110427ABF LIC
```

FINISHED FINISHED FINISHED FINISHED FINISHED

APPENDIX E

STATION E ALLOCATION ANALYSIS

Percent allowed new interference: 0.500

Percent allowed new interference to non Class A LPTV: 2.000

TW Census data selected 2000

Data Base Selected

/export/home/cdbs/pt_tvdb.sff

WARNING WARNING

The following list of station records has been excluded from the analysis due to the fact that they have the same state, city and channel as the proposed station - This could cause the program to not find a potential fail situation

You can force the program to include these records by setting the state of the proposed record to ZZ and re-running the analysis

WNET	13 NEWARK	NJ BMPCDT	20090709AGX
WNET	13 NEWARK	NJ BLEDT	20090612ADI
WNET	13 NEWARK	NJ BMPCDT	20090709AGX

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-27-2012 Time: 09:38:23

Record Selected for Analysis

NEWARK WNET-DT USERRECORD-01 NJ US

Channel 13 ERP 3.9 kW HAAT 507. m RCAMSL 00518 m Latitude 040-42-46 Longitude 0074-00-49

Status APP Zone 1 Border Site number: 01 Last update Cutoff date Docket

Comments

Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility (site # 01) meets maximum height/power limits

Site numbe	er 1		
Azimuth	ERP	HAAT	36.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	3.900	499.9	98.8
45.0	3.900	517.1	100.1
90.0	3.900	496.4	98.6
135.0	3.900	507.9	99.5
180.0	3.900	510.8	99.7
225.0	3.900	507.6	99.4
270.0	3.900	509.3	99.6
315.0	3.900	504.6	99.2

Evaluation toward Class A Stations from site # 01

Contour overlap to Class A station

WQAV-LP 13 ATLANTIC CITY NJ BDISTVA 20070910ACL

Contour overlap to Class A station

NJ BDISTVA 20080627AAI WQAV-LP 13 ATLANTIC CITY

Class A Evaluation Complete

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance Distance to border = 397.6km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Proposed Station

ARN Channel

Call City/State
WNET-DT NEWARK NJ USERRECORD01 13

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
12	WHYY-TV	WILMINGTON DE	127.8	LIC	BLEDT	20110907ADS
12	WNYT	ALBANY NY	212.6	APP	BPCDT	20120123ACG
12	WNYT	ALBANY NY	212.6	LIC	BLCDT	20100505AHT
13	NEW		130.2	APP	BPRM	20091008ADN
13	WNYA	PITTSFIELD MA	213.9	LIC	BLCDT	20090619ADK
13	WJZ-TV	BALTIMORE MD	271.7	LIC	BLCDT	20110914AAS
13	WYCN-LP	NASHUA NH	309.5	LIC	BLTVA	20101230ABV
13	WQAV-LP	ATLANTIC CITY NJ	156.0	APP	BDISTVA	20070910ACL
13	WQAV-LP	ATLANTIC CITY NJ	156.0	CP	BDISTVA	20080627AAI
13	WCUL-CA	ONEIDA NY	295.2	LIC	BLTVA	20030619AAP
13	WHAM-TV	ROCHESTER NY	399.5	LIC	BLCDT	20110121ABX
13	WSCP-LP	BELLEFONTE PA	326.6	CP	BPTVA	20080804AAV
13	WYOU	SCRANTON PA	164.7	LIC	BLCDT	20051123AJU
13	WPRI-TV	PROVIDENCE RI	262.2	LIC	BLCDT	20110705ABQ

Analysis of Interference to Affected Station 1

Analysis of current record
City/State Application Ref. No. BLEDT -20110907ADS WHYY-TV WILMINGTON DE 12

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
11	WBAL-TV	BALTIMORE MD	144.0	LIC	BLCDT	-20111102ACP
11	WPIX	NEW YORK NY	127.8	APP	BMPCDT	-20080620ALB
11	WPIX	NEW YORK NY	132.0	LIC	BLCDT	-20090911ABN
11	WBRE-TV	WILKES-BARRE PA	137.7	LIC	BLCDT	-20051123AJX
12	WNYT	ALBANY NY	304.9	APP	BPCDT	-20120123ACG
12	WNYT	ALBANY NY	304.9	LIC	BLCDT	-20100505AHT
12	WNAC-TV	PROVIDENCE RI	389.7	LIC	BLCDT	-20090612AFT
12	WWBT	RICHMOND VA	343.3	LIC	BLCDT	-20090803ABS
12	WWPX-TV	MARTINSBURG WV	250.0	LIC	BLCDT	-20021108AAX
13	NEW		48.5	APP	BPRM	-20091008ADN
13	WJZ-TV	BALTIMORE MD	144.0	LIC	BLCDT	-20110914AAS
13	WNET	NEWARK NJ	127.8	PLN	DTVPLN	-DTVP0442
13	WYOU	SCRANTON PA	137.7	LIC	BLCDT	-20051123AJU
13	WNET-DT	NEWARK NJ	127.8	APP	USERRECORI	0-01

Total scenarios = 4

Result key: 1
Caenario 1 Affected station 1

Results for: 12A DE WILMINGTON
HAAT 294.0 m, ATV ERP 30.0 kW BLEDT 20110907ADS LIC

711	
POPULATION	AREA (sq km)
9768951	29678.2
9453464	28314.9
0	0.0
256953	653.4
256953	653.4
256953	653.4
	POPULATION 9768951 9453464 0 256953 256953

```
Potential Interfering Stations Included in above Scenario
11A MD BALTIMORE
                          BLCDT
                                   20111102ACP LTC
                        BLCDT
11A NY NEW YORK
                                   20090911ABN LIC
12A NY ALBANY
                          BLCDT
                                   20100505AHT LIC
                                   20090803ABS LIC
                         BLCDT
12A VA RICHMOND
                       BLCDT
                                   20021108AAX LIC
12A WV MARTINSBURG
13A MD BALTIMORE
                          BLCDT
                                   20110914AAS LIC
13A NJ NEWARK
                        DTVPLN DTVP0442 PLN
After Analysis
Results for: 12A DE WILMINGTON
                                     BLEDT
                                               20110907ADS LIC
  HAAT 294.0 m, ATV ERP 30.0 kW
                              POPULATION AREA (sq km)
                                           29678.2
28314 ^
   within Noise Limited Contour
                                9768951
  not affected by terrain losses
                                  9453464
   lost to NTSC IX
                                       0
                                                 0.0
   lost to additional IX by ATV
                                   262862
                                                673.6
   lost to ATV IX only
                                   262862
                                               673.6
   lost to all IX
                                   262862
                                               673.6
 Potential Interfering Stations Included in above Scenario
11A MD BALTIMORE
                          BLCDT
                                   20111102ACP LIC
                                   20090911ABN LIC
20100505AHT LIC
11A NY NEW YORK
                          BLCDT
12A NY ALBANY
                         BLCDT
12A VA RICHMOND
                         BLCDT
                                   20090803ABS LIC
12A WV MARTINSBURG
                          BLCDT
                                    20021108AAX LIC
                                   20110914AAS LIC
13A MD BALTIMORE
                         BLCDT
13A NJ NEWARK
                          USERRECORD01
                                              APP
Percent new IX = 0.0643%
Result key: 2
Scenario 2 Affected station
Before Analysis
  HAAT 294.0 m, ATV ERP 30.0 kW
Results for: 12A DE WILMINGTON
                             POPULATION AREA (sq km)
                                          29678.2
                                 9768951
   within Noise Limited Contour
                                              28314.9
  not affected by terrain losses
                                  9453464
                                              0.0
   lost to NTSC IX
                                   0
   lost to additional IX by ATV
                                   224663
                                                637.3
   lost to ATV IX only
                                   224663
                                               637.3
   lost to all IX
                                   224663
                                               637.3
 Potential Interfering Stations Included in above Scenario
                          BLCDT
11A MD BALTIMORE
                                   20111102ACP LIC
11A NY NEW YORK
                        BMPCDT
                                   20080620ALB APP
12A NY ALBANY
                          BPCDT
                                   20120123ACG APP
                                   20090803ABS LIC
12A VA RICHMOND
                         BLCDT
                        BLCDT
                                   20021108AAX LIC
12A WV MARTINSBURG
13A MD BALTIMORE
                          BLCDT
                                   20110914AAS LIC
13A NJ NEWARK
                         DTVPLN DTVP0442
After Analysis
Results for: 12A DE WILMINGTON
                                     BLEDT 20110907ADS LIC
  HAAT 294.0 m, ATV ERP 30.0 kW
                               POPULATION AREA (sq km)
                                           29678.2
28214 ^
   within Noise Limited Contour
                                9768951
  not affected by terrain losses
                                  9453464
                                              28314.9
   lost to NTSC IX
                                      0
                                                 0.0
   lost to additional IX by ATV
                                   265833
                                                685.7
   lost to ATV IX only
                                   265833
                                               685.7
   lost to all IX
                                   265833
                                               685.7
 Potential Interfering Stations Included in above Scenario
11A MD BALTIMORE
                          BLCDT
                                   20111102ACP LIC
                                   20080620ALB APP
20120123ACG APP
11A NY NEW YORK
                          BMPCDT
12A NY ALBANY
                          BPCDT
12A VA RICHMOND
                          BLCDT
                                    20090803ABS LIC
12A WV MARTINSBURG
                                   20021108AAX
                          BLCDT
13A MD BALTIMORE
                          BLCDT
                                   20110914AAS LIC
```

USERRECORD01

APP

13A NJ NEWARK

```
Percent new IX = 0.4461%
```

Result key: 3
Scenario 3 Affected station 1

Before Analysis

Results	for:	12A	DE WILMIN	GTON	BLEDT	20110907ADS	LIC
HAAT	294	.0 m,	ATV ERP	30.0 kW			

	POPULATION	AREA (sq km)
within Noise Limited Contour	9768951	29678.2
not affected by terrain losses	9453464	28314.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	221692	625.2
lost to ATV IX only	221692	625.2
lost to all IX	221692	625.2

Potential Interfering Stations Included in above Scenario 3

11A	MD	BALTIMORE	BLCDT	20111102ACP	LIC
11A	NY	NEW YORK	BMPCDT	20080620ALB	APP
12A	NY	ALBANY	BLCDT	20100505AHT	LIC
12A	VA	RICHMOND	BLCDT	20090803ABS	LIC
12A	WV	MARTINSBURG	BLCDT	20021108AAX	LIC
13A	MD	BALTIMORE	BLCDT	20110914AAS	LIC
13A	NJ	NEWARK	DTVPLN	DTVP0442	PLN

After Analysis

HAAT 294.0 m, ATV ERP 30.0 kW Results for: 12A DE WILMINGTON

	POPULATION	AREA (sq km)
within Noise Limited Contour	9768951	29678.2
not affected by terrain losses	9453464	28314.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	262862	673.6
lost to ATV IX only	262862	673.6
lost to all IX	262862	673.6

Potential Interfering Stations Included in above Scenario 3

11A	MD	BALTIMORE	BLCDT	20111102ACP	LIC
11A	NY	NEW YORK	BMPCDT	20080620ALB	APP
12A	NY	ALBANY	BLCDT	20100505AHT	LIC
12A	VA	RICHMOND	BLCDT	20090803ABS	LIC
12A	WV	MARTINSBURG	BLCDT	20021108AAX	LIC
13A	MD	BALTIMORE	BLCDT	20110914AAS	LIC
13A	NJ	NEWARK	USERRECORI	APP	

Percent new IX = 0.4460%

Result key: 4
Scenario 4 Affected station 1

Before Analysis

Results for: 12A DE WILMINGTON BLEDT 20110907ADS LIC HAAT 294.0 m, ATV ERP 30.0 kW

	POPULATION	AREA (sq km
within Noise Limited Contour	9768951	29678.2
not affected by terrain losses	9453464	28314.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	259924	665.5
lost to ATV IX only	259924	665.5
lost to all IX	259924	665.5

Potential Interfering Stations Included in above Scenario 4

11A MD	BALTIMORE	BLCDT	20111102ACP	LIC
11A NY	NEW YORK	BLCDT	20090911ABN	LIC
12A NY	ALBANY	BPCDT	20120123ACG	APP
12A VA	RICHMOND	BLCDT	20090803ABS	LIC
12A WV	MARTINSBURG	BLCDT	20021108AAX	LIC
13A MD	BALTIMORE	BLCDT	20110914AAS	LIC
13A NJ	NEWARK	DTVPLN	DTVP0442	PLN

After Analysis

Results for: 12A DE WILMINGTON BLEDT 20110907ADS LIC

HAAT 294.0 m, ATV ERP 30.0 kW

POPULATION AREA (sq km)

within 1	Noise Limited Contour	9768951	29678.2
not aff	ected by terrain losse	es 9453464	28314.9
lost to	NTSC IX	0	0.0
lost to	additional IX by ATV	265833	685.7
lost to	ATV IX only	265833	685.7
lost to	all IX	265833	685.7
otential	Interfering Stations	Included in	above Scenari

rio 4 Ρo

11A	MD	BALTIMORE	BLCDT	20111102ACP	LIC
11A	NY	NEW YORK	BLCDT	20090911ABN	LIC
12A	NY	ALBANY	BPCDT	20120123ACG	APP
12A	VA	RICHMOND	BLCDT	20090803ABS	LIC
12A	WV	MARTINSBURG	BLCDT	20021108AAX	LIC
13A	MD	BALTIMORE	BLCDT	20110914AAS	LIC
13A	NJ	NEWARK	USERRECORE	001	APP

Percent new IX = 0.0643%

Worst case new IX 0.4461% Scenario

Analysis of Interference to Affected Station 2

Analysis of current record Channel Call City/State 12 WNYT ALBANY NY Application Ref. No. BPCDT -20120123ACG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicati	on Ref. No.
11	WWLP	SPRINGFIELD MA	123.0	LIC	BLCDT	-20090612AJV
11	WPIX	NEW YORK NY	212.6	APP	BMPCDT	-20080620ALB
11	WPIX	NEW YORK NY	208.6	LIC	BLCDT	-20090911ABN
11	WBRE-TV	WILKES-BARRE PA	222.4	LIC	BLCDT	-20051123AJX
12	WHYY-TV	WILMINGTON DE	304.9	LIC	BLEDT	-20110907ADS
12	WNAC-TV	PROVIDENCE RI	239.4	LIC	BLCDT	-20090612AFT
13	WNYA	PITTSFIELD MA	1.8	LIC	BLCDT	-20090619ADK
13	WNET	NEWARK NJ	212.7	PLN	DTVPLN	-DTVP0442
13	WYOU	SCRANTON PA	222.4	LIC	BLCDT	-20051123AJU
13	WNET-DT	NEWARK N.T	212.6	APP	USERRECOR	D-01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 3

Analysis of current record
City/State Analysis of Call
Channel Call
WNYT ALBANY NY Application Ref. No. BLCDT -20100505AHT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicati	on Ref. No.
11	WWLP	SPRINGFIELD MA	123.0	LIC	BLCDT	-20090612AJV
11	WPIX	NEW YORK NY	212.6	APP	BMPCDT	-20080620ALB
11	WPIX	NEW YORK NY	208.6	LIC	BLCDT	-20090911ABN
11	WBRE-TV	WILKES-BARRE PA	222.4	LIC	BLCDT	-20051123AJX
12	WHYY-TV	WILMINGTON DE	304.9	LIC	BLEDT	-20110907ADS
12	WNAC-TV	PROVIDENCE RI	239.4	LIC	BLCDT	-20090612AFT
13	WNYA	PITTSFIELD MA	1.8	LIC	BLCDT	-20090619ADK
13	WNET	NEWARK NJ	212.7	PLN	DTVPLN	-DTVP0442
13	WYOU	SCRANTON PA	222.4	LIC	BLCDT	-20051123AJU
13	WNET-DT	NEWARK NJ	212.6	APP	USERRECOR	D-01

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of current record Channel Call City/State Application Ref. No. BPRM -20091008ADN 13 NEW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicati	on Ref. No.
12	WHYY-TV	WILMINGTON DE	48.5	LIC	BLEDT	-20110907ADS
13	WNYA	PITTSFIELD MA	331.0	LIC	BLCDT	-20090619ADK
13	WJZ-TV	BALTIMORE MD	160.9	LIC	BLCDT	-20110914AAS
13	WNET	NEWARK NJ	130.1	PLN	DTVPLN	-DTVP0442
13	WYOU	SCRANTON PA	183.7	LIC	BLCDT	-20051123AJU
13	WPRI-TV	PROVIDENCE RI	383.1	LIC	BLCDT	-20110705ABQ
13	WVEC	HAMPTON VA	353.3	LIC	BLCDT	-20090612AJJ
13	WNET-DT	NEWARK NJ	130.2	APP	USERRECOR:	D-01

Total scenarios = 1

Result key: 5
Scenario 1 Affected station

Before Analysis

Results for: 13A HAAT 31.0 m, ATV ERP 0.0 kW BPRM 20091008ADN APP

HAAI 31.0 M, AIV ERP 0.0	KW		
	POPULATION	AREA (sq km)	
within Noise Limited Contour	27250	224.2	
not affected by terrain losses	27250	224.2	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	1301	12.0	
lost to ATV IX only	1301	12.0	
lost to all IX	1301	12 0	

Potential Interfering Stations Included in above Scenario

DTVPLN DTVP0442 13A NJ NEWARK PLN

After Analysis

BPRM Results for: 13A 20091008ADN APP

HAAT 31.0 m, ATV ERP 0.0 kW

111111	211	
	POPULATION	AREA (sq km)
within Noise Limited Contour	27250	224.2
not affected by terrain losses	27250	224.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1301	8.0
lost to ATV IX only	1301	8.0
lost to all IX	1301	8.0

Potential Interfering Stations Included in above Scenario 1

13A NJ NEWARK USERRECORD01 APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario

Analysis of Interference to Affected Station 5

Analysis of current record

Channel Call City/State Application Ref. No. WNYA PITTSFIELD MA BLCDT -20090619ADK 13

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicati	on Ref. No.
12	WNYT	ALBANY NY	1.8	APP	BPCDT	-20120123ACG
12	WNYT	ALBANY NY	1.8	LIC	BLCDT	-20100505AHT
13	NEW		331.0	APP	BPRM	-20091008ADN
13	WNET	NEWARK NJ	214.0	PLN	DTVPLN	-DTVP0442
13	WHAM-TV	ROCHESTER NY	297.4	LIC	BLCDT	-20110121ABX
13	WYOU	SCRANTON PA	224.2	LIC	BLCDT	-20051123AJU
13	WPRI-TV	PROVIDENCE RI	238.7	LIC	BLCDT	-20110705ABQ
13	WVNY	BURLINGTON VT	230.4	LIC	BLCDT	-20061113ABH
13	WNET-DT	NEWARK N.T	213.9	APP	USERRECOR	D-01

Result key: 6
Scenario 1 Affected station 5 Before Analysis Results for: 13A MA PITTSFIELD BLCDT 20090619ADK LIC HAAT 301.0 m, ATV ERP 12.7 kW POPULATION AREA (sq km) within Noise Limited Contour 1495880 26389.6 26389.6 21962.0 not affected by terrain losses 1367045 lost to NTSC IX 0.0 lost to additional IX by ATV 29827 1226.1 lost to ATV IX only 29827 1226.1 lost to all IX 29827 1226.1 Potential Interfering Stations Included in above Scenario 12A NY ALBANY BLCDT 20100505AHT LIC 20110121ABX LIC 13A NY ROCHESTER BLCDT BLCDT 20051123AJU LIC 13A PA SCRANTON 20110705ABQ LIC 13A RI PROVIDENCE BLCDT 13A VT BURLINGTON BLCDT 20061113ABH LIC 13A NJ NEWARK DTVPLN DTVP0442 After Analysis Results for: 13A MA PITTSFIELD BLCDT 20090619ADK LIC HAAT 301.0 m, ATV ERP 12.7 kW POPULATION AREA (sq km) 26389.6 21962.0 within Noise Limited Contour 1495880 not affected by terrain losses 1367045 lost to NTSC IX 0 0.0 lost to additional IX by ATV 30038 1234.1 1234.1 lost to ATV IX only 30038 lost to all IX 30038 1234.1 Potential Interfering Stations Included in above Scenario 20100505AHT LIC BLCDT 20110121ABX LIC 20051123AJU LIC 13A NY ROCHESTER BLCDT 13A PA SCRANTON BLCDT 13A RI PROVIDENCE BLCDT 20110705ABQ LIC 13A VT BURLINGTON BLCDT 20061113ABH LIC 13A NJ NEWARK USERRECORD01 Percent new IX = 0.0158% Result key: 7
Scenario 2 Affected station Before Analysis BLCDT 20090619ADK LIC Results for: 13A MA PITTSFIELD HAAT 301.0 m, ATV ERP 12.7 kW POPULATION AREA (sq km) 26389.6 within Noise Limited Contour 1495880 not affected by terrain losses 1367045 21962.0 lost to NTSC IX 0.0 Ω lost to additional IX by ATV 30460 1338.3 lost to ATV IX only 30460 1338.3 lost to all IX 30460 Potential Interfering Stations Included in above Scenario 20120123ACG APP 12A NY ALBANY BPCDT 20110121ABX LIC 13A NY ROCHESTER BLCDT 13A PA SCRANTON BLCDT 20051123AJU LIC 13A RI PROVIDENCE BLCDT 20110705ABQ LIC 13A VT BURLINGTON BLCDT 20061113ABH LIC DTVPLN DTVP0442 13A N.T NEWARK After Analysis 20090619ADK LIC Results for: 13A MA PITTSFIELD BLCDT HAAT 301.0 m, ATV ERP 12.7 kW POPULATION within Noise Limited Contour 1495880 AREA (sq km) 26389.6

not affected by terrain losses 1367045

21962.0

```
lost to NTSC IX
                                      Ω
                                                0.0
  lost to additional IX by ATV
                                    30671
                                             1346.3
  lost to ATV IX only
                                    30671
                                               1346.3
  lost to all IX
                                   30671
                                               1346.3
 Potential Interfering Stations Included in above Scenario
                                   20120123ACG APP
20110121ABX LIC
12A NY ALBANY
                          BPCDT
13A NY ROCHESTER
                          BLCDT
                         BLCDT
                                   20051123AJU LIC
13A PA SCRANTON
                                20110705ABQ LIC
20061113ABH LIC
13A RI PROVIDENCE
                         BLCDT
                        BLCDT
13A VT BURLINGTON
                          USERRECORD01
13A NJ NEWARK
                                               APP
Percent new IX = 0.0158%
Worst case new IX 0.0158% Scenario
Analysis of Interference to Affected Station 6
Analysis of current record
Channel Call City/State
13 WJZ-TV BALTIMORE MD
                                          Application Ref. No.
                                           BLCDT -20110914AAS
    Stations Potentially Affecting This Station
Chan Call
               City/State
                                  Dist(km) Status Application Ref. No.
                                      144.0 LIC BLEDT -20110907ADS
216.4 LIC BLCDT -20090803ABS
12 WHYY-TV WILMINGTON DE
 12
     WWBT RICHMOND VA
 12 WWPX-TV MARTINSBURG WV
                                      122.2 LIC
                                                   BLCDT
                                                            -20021108AAX
                                      160.9 APP
271.7 PLN
 13
     NEW
                                                   BPRM
                                                             -20091008ADN
                                                   DTVPLN
13
    WNET
            NEWARK NJ
                                                            -DTVP0442
    WQED PITTSBURGH PA
WYOU SCRANTON PA
WVEC HAMPTON VA
                                    308.4 LIC
215.7 LIC
 13 WOED
                                                   BLEDT -20091127ABD
 13
                                                   BLCDT
                                                            -20051123AJU
                                     280.4 LIC
 13
                                                   BLCDT
                                                             -20090612AJJ
     WSET-TV LYNCHBURG VA
WNET-DT NEWARK NJ
                                      343.6 LIC
271.7 APP
                                                   BLCDT
                                                            -20091013ABE
 13
                                                   USERRECORD-01
 13
Total scenarios = 1
Result key: 8
Scenario 1 Affected station
Before Analysis
  HAAT 295.0 m, ATV ERP 33.8 kW
Results for: 13A MD BALTIMORE
  within Noise Limited Contour 8421507 20000 (km)
  not affected by terrain losses
                                 8194370
                                              28790.5
  lost to NTSC IX
                                  0
                                              0.0
                                  480693
                                              1941.4
  lost to additional IX by ATV
                                              1941.4
  lost to ATV IX only
                                  480693
  lost to all IX
                                  480693
                                              1941.4
Potential Interfering Stations Included in above Scenario
12A DE WILMINGTON
                          BLEDT
                                    20110907ADS LIC
12A WV MARTINSBURG
                                   20021108AAX LIC
                         BLCDT
                         BLEDT
                                   20091127ABD LIC
13A PA PITTSBURGH
13A PA SCRANTON
                         BLCDT
                                   20051123AJU LIC
13A VA HAMPTON
                         BLCDT
                                   20090612AJJ LIC
13A VA LYNCHBURG
                          BLCDT
                                   20091013ABE LIC
                         DTVPLN
13A NJ NEWARK
                                   DTVP0442
                                                PLN
After Analysis
Results for: 13A MD BALTIMORE
                                    BLCDT 20110914AAS LIC
  HAAT 295.0 m, ATV ERP 33.8 kW
                              POPULATION AREA (sq km)
                                 8421507 30280.8
8194370 28790.5
  within Noise Limited Contour
  not affected by terrain losses
                                   0
  lost to NTSC IX
                                              0.0
  lost to additional IX by ATV
                                  480889
                                               1945.4
  lost to ATV IX only
                                  480889
                                              1945.4
```

1945.4

480889

lost to all IX

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Potential Interfering Stations Included in above Scenario
12A DE WILMINGTON
                       BLEDT
                               20110907ADS LTC
12A WV MARTINSBURG
                     BLCDT
                               20021108AAX LIC
13A PA PITTSBURGH
                       BLEDT
                               20091127ABD LIC
                               20051123AJU LIC
13A PA SCRANTON
                      BLCDT
                            20090612AJJ LIC
                      BLCDT
13a VA HAMPTON
                               20091013ABE LIC
13A VA LYNCHBURG
                       BLCDT
13A NJ NEWARK
                       USERRECORD01
Percent new IX = 0.0025%
Worst case new IX 0.0025% Scenario
Analysis of Interference to Affected Station 7
Analysis of current record
                                     Application Ref. No.
Channel Call City/State
        WYCN-LP
                                        BLTVA -20101230ABV
  13
                 NASHUA NH
    Stations Potentially Affecting This Station
Chan Call
             City/State
                               Dist(km) Status Application Ref. No.
12
                                  97.1 LIC BLCDT
207.8 LIC BLCDT
                                                   -20090612AFT
    WNAC-TV PROVIDENCE RI
13
    WNYA
            PITTSFIELD MA
                                                      -20090619ADK
13 WABI-DR BANGOR ME
                                  289.9 APP
                                             BPRM
                                                      -20090603AHF
                                  289.8 LIC
    WABI-TV BANGOR ME
                                             BLCDT
13
                                                      -20101215AIS
                                 309.6 PLN
13
    WNET
           NEWARK NJ
                                              DTVPLN
                                                      -DTVP0442
                                             BLCDT
                                  97.1 LIC
226.6 LIC
309.5 APP
    WPRI-TV PROVIDENCE RI
13
                                                      -20110705ABO
           BURLINGTON VT
    WVNY
                                              BLCDT
                                                      -20061113ABH
13
    WNET-DT NEWARK NJ
13
                                              USERRECORD-01
Proposal causes no interference
Analysis of Interference to Affected Station 8
Analysis of current record
          Call
Channel
                     City/State
                                     Application Ref. No.
         WQAV-LP
                ATLANTIC CITY NJ
                                       BDISTVA -20070910ACL
   Stations Potentially Affecting This Station
Chan
    Call
             City/State
                               Dist(km) Status Application Ref. No.
    WHYY-TV WILMINGTON DE
                                 101.9 LIC
                                              BLEDT -20110907ADS
12
13
    NEW
                                   53.5 APP
                                              BPRM
                                                      -20091008ADN
13
    WNYA
           PITTSFIELD MA
                                  367.3 LIC
                                              BLCDT
                                                      -20090619ADK
13 WJZ-TV BALTIMORE MD
                                 188.6 LIC
                                             BLCDT
                                                     -20110914AAS
    WNET NEWARK NJ
                                              DTVPLN
                                  156.0 PLN
                                                      -DTVP0442
13
13
    MYOU
            SCRANTON PA
                                  236.4 LIC
                                              BLCDT
                                                      -20051123AJU
    WPRI-TV PROVIDENCE RI
                                 388.0 LIC
                                              BLCDT
                                                      -20110705ABQ
13
                                                     -20110,0011 ~
-20090612AJJ
           HAMPTON VA
                                 332.1 LIC
156.0 APP
13
    WVEC
                                              BLCDT
    WNET-DT NEWARK NJ
                                             USERRECORD-01
13
Proposal causes no interference
Analysis of Interference to Affected Station 9
Analysis of current record
Channel
                  City/State
                                     Application Ref. No.
         Call
         WQAV-LP
                ATLANTIC CITY NJ
                                       BDISTVA -20080627AAI
    Stations Potentially Affecting This Station
    Call City/State
Chan
                               Dist(km) Status Application Ref. No.
12 WHYY-TV WILMINGTON DE
                                  101.9 LIC
                                              BLEDT -20110907ADS
13
    NEW
                                  53.5 APP
                                              BPRM
                                                      -20091008ADN
```

367.3 LIC

188.6 LIC

156.0 PLN

BLCDT

BLCDT

DTVPLN -DTVP0442

-20090619ADK

-20110914AAS

WNYA

13 WNET

13

13

PITTSFIELD MA

WJZ-TV BALTIMORE MD

NEWARK NJ

13	WYOU	SCRANTON PA	236.4		BLCDT	-20051123AJU	
13	Mbkt-J.A	PROVIDENCE RI	388.0	LIC	BLCDT	-20110705ABQ	
13	WVEC	HAMPTON VA	332.1	LIC	BLCDT	-20090612AJJ	
13	WNET-DT	NEWARK NJ	156.0	APP	USERRECO)RD-01	
Prop	Proposal causes no interference						

Analysis of Interference to Affected Station 10

Analysis of current record

Channel Call City/State Application Ref. No. 13 WCUL-CA ONEIDA NY BLTVA -200306 BLTVA -20030619AAP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
12	WWDG-CA	ROME NY	21.7	LIC	BLTVA	-20040614AAL
13	NEW		377.3	APP	BPRM	-20091008ADN
13	WNYA	PITTSFIELD MA	144.3	LIC	BLCDT	-20090619ADK
13	WNET	NEWARK NJ	295.3	PLN	DTVPLN	-DTVP0442
13	WHAM-TV	ROCHESTER NY	155.7	LIC	BLCDT	-20110121ABX
13	WBLZ-LP	SYRACUSE NY	40.5	LIC	BLTVA	-20050314AAH
13	WYOU	SCRANTON PA	210.0	LIC	BLCDT	-20051123AJU
13	WPRI-TV	PROVIDENCE RI	383.0	LIC	BLCDT	-20110705ABQ
13	WVNY	BURLINGTON VT	280.5	LIC	BLCDT	-20061113ABH
13	WNET-DT	NEWARK NJ	295.2	APP	USERRECORI	D-01
Prop	Proposal causes no interference					

Analysis of Interference to Affected Station 11

Analysis of current record

Channel Call City/State Application Ref. No.

13 WHAM-TV ROCHESTER NY BLCDT -201101. BLCDT -20110121ABX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
13	WNYA	PITTSFIELD MA	297.4	LIC	BLCDT	-20090619ADK
13	WNET	NEWARK NJ	399.6	PLN	DTVPLN	-DTVP0442
13	WQED	PITTSBURGH PA	358.1	LIC	BLEDT	-20091127ABD
13	WYOU	SCRANTON PA	258.7	LIC	BLCDT	-20051123AJU
13	WVNY	BURLINGTON VT	412.3	LIC	BLCDT	-20061113ABH
13	WNET-DT	NEWARK NJ	399.5	APP	USERRECORI	D-01
Prop	Proposal causes no interference					

Analysis of Interference to Affected Station 12

Analysis of current record
Channel Call City/State
13 WSCP-LP BELLEFONTE PA Application Ref. No. BPTVA -20080804AAV

Stations Potentially Affecting This Station

Chan 13	Call NEW	City/State	Dist(km) 281.0	Status	Applicati BPRM	on Ref. No. -20091008ADN
13	WNYA	PITTSFIELD MA	387.3	LIC	BLCDT	-20090619ADK
13	WJZ-TV	BALTIMORE MD	186.5	LIC	BLCDT	-20110914AAS
13	WNET	NEWARK NJ	326.6	PLN	DTVPLN	-DTVP0442
13	WHAM-TV	ROCHESTER NY	269.9	LIC	BLCDT	-20110121ABX
13	WQED	PITTSBURGH PA	177.6	LIC	BLEDT	-20091127ABD
13	WYOU	SCRANTON PA	177.1	LIC	BLCDT	-20051123AJU
13	WNET-DT	NEWARK NJ	326.6	APP	USERRECOR	D-01

Proposed station is beyond the site to nearest cell evaluation distance

SCRANTON PA

Stations Potentially Affecting This Station

City/State

City/State

Application Ref. No.

BLCDT -20051123AJU

Dist(km) Status Application Ref. No.

Analysis of current record Call

WYOU

Channel

Chan Call

13

12 12 137.7 LIC BLEDT -20110907ADS 222.4 APP BPCDT -20120123ACG WHYY-TV WILMINGTON DE WNYT ALBANY NY WNYT ALBANY NY BLCDT 12 WNYT 222.4 LIC -20100505AHT 183.7 APP 13 NEW BPRM -20091008ADN 13 WNYA PITTSFIELD MA 224.2 LIC BLCDT -20090619ADK WJZ-TV BALTIMORE MD 215.7 LIC 164.7 PLN BLCDT -20110914AAS 13 13 WNET NEWARK NJ DTVPLN -DTVP0442 WHAM-TV ROCHESTER NY 13 258.7 LIC BLCDT -20110121ABX 353.7 LIC 389.7 LIC -20091127ABD -20110705ABQ WQED PITTSBURGH PA BLEDT 13 WPRI-TV PROVIDENCE RI 13 BLCDT 164.7 APP 13 WNET-DT NEWARK NJ USERRECORD-01 Total scenarios = 1 Result key: 9
Scenario 1 Affected station 13 Before Analysis Results for: 13A PA SCRANTON BLCDT 20051123AJU LIC HAAT 471.0 m, ATV ERP 30.0 kW POPULATION AREA (sq km) 40815.2 33868.4 within Noise Limited Contour 3340487 not affected by terrain losses 2637684 lost to NTSC IX Ω 0.0 lost to additional IX by ATV 183707 1967.0 1967.0 lost to ATV IX only 183707 lost to all IX 183707 1967.0 Potential Interfering Stations Included in above Scenario 20110907ADS LIC 12A DE WILMINGTON BLEDT 20090619ADK LIC 20110914AAS LIC 13A MA PITTSFIELD BLCDT 13A MD BALTIMORE BLCDT 13A NY ROCHESTER BLCDT 20110121ABX LIC 13A PA PITTSBURGH BLEDT 20091127ABD LIC BLCDT 13A RI PROVIDENCE 20110705ABQ LIC DTVPLN DTVP0442 PLN 13A NJ NEWARK After Analysis BLCDT 20051123AJU LIC Results for: 13A PA SCRANTON within Noise Limited Contour 3340487 40015 not affected by town HAAT 471.0 m, ATV ERP 30.0 kW not affected by terrain losses 2637684 lost to NTSC IX 0 0.0 2055.2 lost to additional IX by ATV 195823 lost to ATV IX only 195823 2055.2 lost to all IX 195823 2055.2 Potential Interfering Stations Included in above Scenario BLEDT 20110907ADS LIC 12A DE WILMINGTON 13A MA PITTSFIELD BLCDT 20090619ADK LIC 20110914AAS LIC 13A MD BALTIMORE BLCDT 20110121ABX LIC 13A NY ROCHESTER BLCDT 20091127ABD LIC 13A PA PITTSBURGH BLEDT 20110705ABQ LIC 13A RI PROVIDENCE BLCDT 13A NJ NEWARK USERRECORD01 APP Percent new IX = 0.4937% Worst case new IX 0.4937% Scenario

Analysis of Interference to Affected Station 14

Analysis of current record

Channel Call City/State Application Ref. No.

13 WPRI-TV PROVIDENCE RI BLCDT -201107 BLCDT -20110705ABQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
12	WNAC-TV	PROVIDENCE RI	0.0	LIC	BLCDT	-20090612AFT
13	NEW		383.1	APP	BPRM	-20091008ADN
13	WNYA	PITTSFIELD MA	238.7	LIC	BLCDT	-20090619ADK
13	WABI-DR	BANGOR ME	361.2	APP	BPRM	-20090603AHF
13	WABI-TV	BANGOR ME	361.2	LIC	BLCDT	-20101215AIS
13	WNET	NEWARK NJ	262.2	PLN	DTVPLN	-DTVP0442
13	WYOU	SCRANTON PA	389.7	LIC	BLCDT	-20051123AJU
13	WVNY	BURLINGTON VT	319.6	LIC	BLCDT	-20061113ABH
13	WNET-DT	NEWARK NJ	262.2	APP	USERRECORI	D-01

Total scenarios = 3

Result key: 10 Scenario 1 Affected station 14

Before Analysis

Results for: 13A RI PROVIDENCE BLCDT 20110705ABQ LIC HAAT 305.0 m, ATV ERP 30.0 kW POPULATION AREA (sq km)

	POPULATION	AREA (sq km)
within Noise Limited Contour	7063884	32312.9
not affected by terrain losses	6817897	30630.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	42342	309.1
lost to ATV IX only	42342	309.1
lost to all IX	42342	309.1

Potential Interfering Stations Included in above Scenario 1

13A MA PITTSFIELD	BLCDT	20090619ADK	LIC
13A ME BANGOR	BLCDT	20101215AIS	LIC
13A PA SCRANTON	BLCDT	20051123AJU	LIC
13A VT BURLINGTON	BLCDT	20061113ABH	LIC
13A NJ NEWARK	DTVPLN	DTVP0442	PLN

After Analysis

Results for: 13A RI PROVIDENCE BLCDT 20110705ABQ LIC HAAT 305.0 m, ATV ERP 30.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7063884	32312.9
not affected by terrain losses	6817897	30630.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	42010	305.1
lost to ATV IX only	42010	305.1
lost to all IX	42010	305.1

Potential Interfering Stations Included in above Scenario 1

13A MA	PITTSFIELD	BLCDT	20090619ADK	LIC
13A ME	BANGOR	BLCDT	20101215AIS	LIC
13A PA	SCRANTON	BLCDT	20051123AJU	LIC
13A VT	BURLINGTON	BLCDT	20061113ABH	LIC
13A NJ	NEWARK	USERRECORD01		APP

Percent new IX = -0.0049%

Result key: 11 Scenario 2 Affected station 14

Before Analysis

Results for: 13A RI PROVIDENCE BLCDT 20110705ABQ LIC HAAT 305.0 m, ATV ERP 30.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7063884	32312.9
not affected by terrain losses	6817897	30630.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	42342	309.1
lost to ATV IX only	42342	309.1
lost to all IX	42342	309.1

```
BLCDT
13A MA PITTSFIELD
                                     20090619ADK LIC
20090603AHF APP
20101215AIS LIC
13A ME BANGOR
                           BPRM
13A ME BANGOR
                           BLCDT
                          BLCDT
13A PA SCRANTON
                                     20051123AJU LIC
13A VT BURLINGTON
                           BLCDT
                                     20061113ABH LIC
                           DTVPLN DTVP0442 PLN
13A NJ NEWARK
After Analysis
Results for: 13A RI PROVIDENCE
                                       BLCDT 20110705ABQ LIC
  HAAT 305.0 m, ATV ERP 30.0 kW
                                POPULATION AREA (sq km)
                                   7063884 32312.9
6817897 30630.8
   within Noise Limited Contour
  not affected by terrain losses
                                               0.0
   lost to NTSC IX
                                       0
   lost to additional IX by ATV
                                      42010
                                                  305.1
   lost to ATV IX only
                                      42010
                                                  305.1
   lost to all IX
                                      42010
                                                  305.1
 Potential Interfering Stations Included in above Scenario
13A MA PITTSFIELD
                           BLCDT
                                     20090619ADK LIC
                                     20090603AHF APP
20101215AIS LIC
13A ME BANGOR
                           BPRM
13A ME BANGOR
                           BLCDT
13A PA SCRANTON
                                     20051123AJU LIC
                          BLCDT
13A VT BURLINGTON
                           BLCDT
                                     20061113ABH LIC
13A NJ NEWARK
                           USERRECORD01
                                                  APP
Percent new IX = -0.0049%
Result key: 12
Scenario 3 Affected station 14
Before Analysis
Results for: 13A RI PROVIDENCE
                                      BLCDT 20110705ABO LIC
  HAAT 305.0 m, ATV ERP 30.0 kW
  POPULATION AREA (sq km) within Noise Limited Contour 7063884 32312.9
                                             32312.9
  not affected by terrain losses 6817897
                                               30630.8
   lost to NTSC IX
                                       0
                                                  0.0
   lost to additional IX by ATV
                                     42342
                                                  309.1
   lost to ATV IX only
                                     42342
                                                  309.1
                                                 309.1
   lost to all IX
                                     42342
 Potential Interfering Stations Included in above Scenario
                                     20090619ADK LIC
13A MA PITTSFIELD
                           BLCDT
13A ME BANGOR
                           BLCDT
                                     20101215AIS LIC
13A PA SCRANTON
                          BLCDT
                                      20051123AJU LIC
                                     20061113ABH LIC
13A VT BURLINGTON
                           BLCDT
                           DTVPLN DTVP0442
13A NJ NEWARK
                                                  DT.N
After Analysis
Results for: 13A RI PROVIDENCE
                                      BLCDT 20110705ABQ LIC
  HAAT 305.0 m, ATV ERP 30.0 kW
   POPULATION AREA (sq km) within Noise Limited Contour 7063884 32312.9 not affected by terrain losses 6817897 30630.8
   not affected by terrain losses
                                   6817897
                                                30630.8
                                                0.0
   lost to NTSC IX
                                      Ο
   lost to additional IX by ATV
                                      42010
                                                   305.1
   lost to ATV IX only
                                     42010
                                                 305.1
                                     42010
                                                  305.1
   lost to all IX
 Potential Interfering Stations Included in above Scenario
13A MA PITTSFIELD
                           BT.CDT
                                      20090619ADK LIC
13A ME BANGOR
                           BLCDT
                                      20101215AIS LIC
13A ME BANGOR
13A PA SCRANTON
                           BLCDT
                                      20051123AJU LIC
13A VT BURLINGTON
                           BLCDT
                                     20061113ABH LIC
                           USERRECORD01
13A N.T NEWARK
                                                  APP
Percent new IX = -0.0049%
Worst case new IX -0.0049% Scenario
```

Analysis of current record City/State Channel Call Application Ref. No. NEWARK NJ 13 WNET-DT USERRECORD-01 Stations Potentially Affecting This Station Chan Call City/State Dist(km) Status Application Ref. No. 12 WHYY-TV WILDTING 1
12 WNYT ALBANY NY
12 WNYT ALBANY NY 127.8 LIC 212.6 APP WHYY-TV WILMINGTON DE BLEDT -20110907ADS BPCDT -20120123ACG BLCDT 212.6 LIC -20100505AHT 13 NEW 130.2 APP BPRM -20091008ADN 13 WNYA PITTSFIELD MA
13 WJZ-TV BALTIMORE MD
13 WHAM-TV ROCHESTER NY 213.9 LIC BLCDT -20090619ADK BLCDT -20110914AAS 271.7 LIC 399.5 LIC BLCDT -20110121ABX 13 WYOU SCRANTON PA 164.7 LIC BLCDT -20051123AJU WPRI-TV PROVIDENCE RI 262.2 LIC BLCDT -20110705ABQ 13 Total scenarios = 3 Result key: 13
Scenario 1 Affected station 15 Before Analysis Results for: 13A NJ NEWARK APP USERRECORD01 HAAT 507.0 m, ATV ERP 3.9 kW POPULATION AREA (sq km) 31001.0 within Noise Limited Contour 20155040 not affected by terrain losses 19735361 28765.2 lost to NTSC IX 0 0.0 2259.7 lost to additional IX by ATV 468484 lost to ATV IX only lost to all IX 468484 2259.7 468484 2259.7 Potential Interfering Stations Included in above Scenario 12A DE WILMINGTON BLEDT 20110907ADS LIC 20090619ADK LIC 13A MA PITTSFIELD BLCDT 13A MD BALTIMORE 20110914AAS LIC BLCDT 13A PA SCRANTON BLCDT 20051123AJU LIC 20110705ABQ LIC 13A RI PROVIDENCE BLCDT Result key: 14 Scenario 2 Affected station 15 Before Analysis Results for: 13A NJ NEWARK USERRECORD01 APP HAAT 507.0 m, ATV ERP 3.9 kW POPULATION AREA (sq km) 31001.0 within Noise Limited Contour 20155040 not affected by terrain losses 19735361 28765.2 lost to NTSC IX 0 0.0 2259.7 lost to additional IX by ATV 468484 lost to ATV IX only 468484 2259.7 lost to all IX 468484 2259.7 Potential Interfering Stations Included in above Scenario 12A DE WILMINGTON BLEDT 20110907ADS LIC 20091008ADN APP 13A BPRM 20090619ADK LIC BLCDT 13A MA PITTSFIELD 13A MD BALTIMORE BLCDT 20110914AAS LIC 13A PA SCRANTON 20051123AJU LIC BLCDT 20110705ABQ LIC 13A RI PROVIDENCE BLCDT 15 Result key: 3 Affected station Scenario Before Analysis Results for: 13A NJ NEWARK USERRECORD01 APP HAAT 507.0 m, ATV ERP 3.9 kW POPULATION ur 20155040 AREA (sq km) 31001.0 28765 2 within Noise Limited Contour not affected by terrain losses 19735361 lost to NTSC IX 0.0

lost to additional IX by ATV

lost to ATV IX only

2259.7

2259.7

lost to	all IX	468484	2259.7

Potential Interfering Stations Included in above Scenario 3

12A 1	DE	WILMINGTON	BLEDT	20110907ADS	LIC
13A I	MΑ	PITTSFIELD	BLCDT	20090619ADK	LIC
13A I	MD	BALTIMORE	BLCDT	20110914AAS	LIC
13A	PΑ	SCRANTON	BLCDT	20051123AJU	LIC
13A I	RI	PROVIDENCE	BLCDT	20110705ABO	LIC

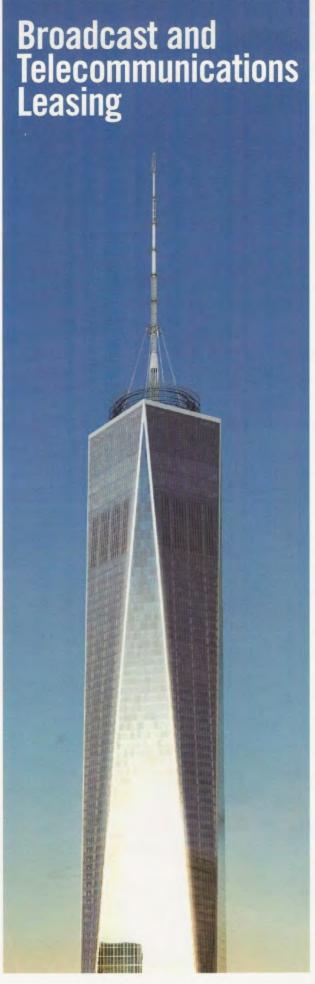
FINISHED FINISHED FINISHED FINISHED FINISHED

APPENDIX 2

THE DURST ORGANIZATION BROCHURE

BROADCAST AND TELECOMMUNICATIONS LEASING





One World Trade Center

One World Trade Center is the cornerstone of the redevelopment of the World Trade Center site, and the iconic design has reshaped the downtown skyline.

The Durst Organization is a joint venture partner with the Port Authority of New York and New Jersey and is overseeing construction, leasing, and management of One World Trade Center. Much like their pioneering investments in Midtown, The Durst Organization is now participating in the growth of the Downtown market.



4 Times Square

Recognized as the nation's first green skyscraper, this eclectic postmodern tower represents the crowning moment in the revitalization of Times Square.

The Durst family's bold commitment to development in the midst of a real estate recession was rewarded when 4 Times Square was fully occupied soon after opening. Since then, the tower has taken its place alongside its historic neighbors as a modern icon in the city's skyline.



Building services include:

Building engineers on duty 24/7

3.65 Megawatts dedicated to broadcasting and communications operations

24-hour access

Facility currently accommodates TV and radio broadcasters

Chilled and condenser water available for equipment space and transmitter cooling

Verizon fiber and copper available at top of house. Cogent Communications, Rainbow Broadband, Clear Wireless, Towerstream and Vigilant Technolgies services are also available

Hydraulic lift gates in loading dock

TV & FM Broadcast
Point-to-Point Microwave
ENG
RPU
Satellite Downlink
Camera Location



Capacity

- State-of-the-art facility 100% funded by The Durst Organization
- The only investment made by a broadcaster is the terminal equipment and combiner input module
- Plug-and-play system design to allow efficient set up and operation
- Communication rings designed to accommodate ancillary transmission services
- Single operator allows for ease of coordination between sites, including shut down and maintenance, providing seamless continuity for primary and back-up operations
- Studio Transmitter Link included in license (where applicable)
- Landlord-owned master antenna system
- One WTC location is consistent with original FCC License approval
- The highest single-owner combined antenna locations in NYC: 1400–1750 feet above grade and 1100–1450 in New York Tri-State
- Convenient Subway service between properties
- 4TS FCC Tower Registration 123845; One WTC Tower Registration Pending
- 4TS Latitude 40' 45'22.4 N & Longitude 73.59.10.5 W & One WTC Latitude 40'42'42 N & Longitude 74'00'45

Integrity and Expertise



Few people in New York City know more about the rigors of running a broadcast facility than John Lyons, the Director of Broadcasting for The Durst Organization.

John was the 2006 Broadcast Engineer of the Year and in 2009 was inducted into the Broadcasters Hall of Fame. His years of experience played an important part in the return to the air of many New York broadcasters after 9/11.

As Assistant VP and Director of Broadcast Operations at The Durst Organization, John brings his wealth of expertise to bear on broadcast installations. John is a Fellow of the Society of Broadcast Engineers (SBE), Life-Certified as a Professional Broadcast Engineer, and was a member of the original industry certification committee. He is a Certified Master Telecommunications Engineer by the International Association for Radio, Telecommunications and Electromagnetics (iNarte), an Associate Member of the Association of Federal Communications Consulting Engineers (AFCCE), a member of the Real Estate Board of New York (REBNY) and the Building Owners and Management Association (BOMA).



Tom Bow oversees the leasing of the company's 13-millionsquare-foot portfolio. Tom has completed more than 25 broadcast transactions over the course of his time with The Durst Organization. Tom's unique tenant friendly, value driven approach will get you on our towers and keep you there for years to come.



Rob Becker, a recent addition to the One World Trade Center leasing team, will be assisting Tom with broadcast leasing. Rob joins us from the Bank of America where he oversaw 125 million square feet of commercial real estate leasing for the bank, including their transaction at One Bryant Park. Rob's focus on One World Trade Center ensures broadcast tenants will have a consistent point of contact.

The Durst Organization is renowned for its single-minded devotion to tenant satisfaction. Our commitment to our broadcast tenants at 4 Times Square is unmatched in the industry and sets the standard for our operations at One World Trade Center. From adding broad-spectrum broadcast capacity to a fully occupied 4 Times Square in the wake of the September 11 attacks—without tenant disruption—to committing to bringing broadcasting downtown, The Durst Organization understands the needs of our broadcast partners. We recognize the important service they provide the community, and are committed to making this as easy as possible.

To learn more about broadcasting and communications possibilities with The Durst Organization at either of our properties, please contact Rob Becker or Tom Bow. For technical inquiries, contact John Lyons.

Rob Becker

Senior Leasing Manager, One World Trade Center

rbecker@durst.org 212.218.1369

Tom Bow

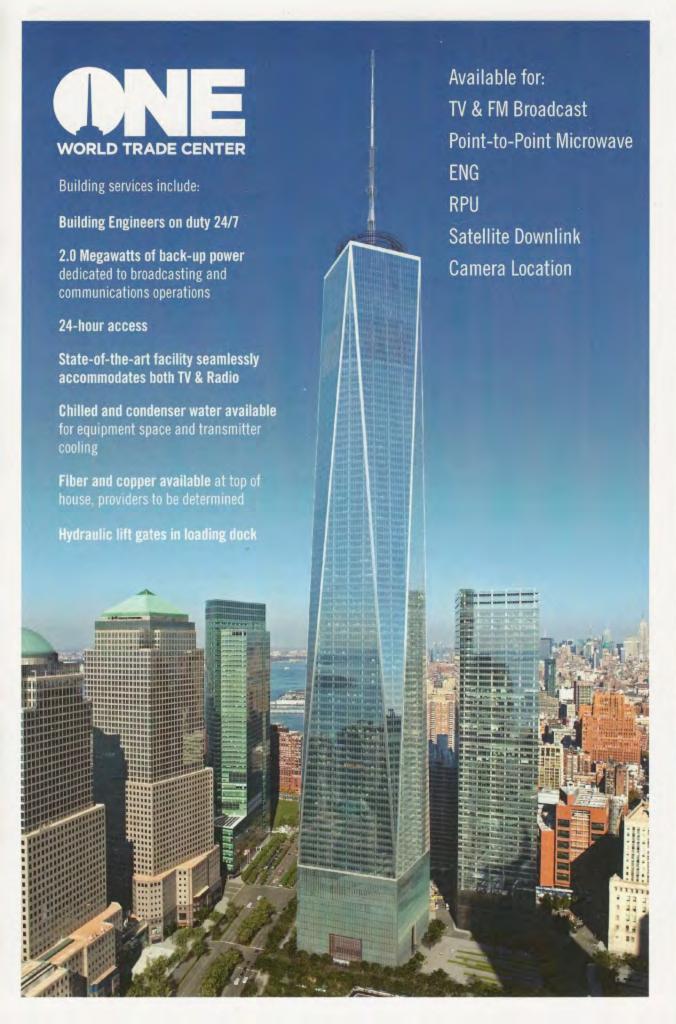
Senior Vice President, Leasing

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John Lyons

Director of Broadcast Operations

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